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WHEAT Situation

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Table 1 .--Wheat: Supply, distribution and prices, total and by class
July-June average 1964-68 and annual 1969-72 1/

Item and Year	Average 1964-68	1969/70	1970/71 preliminary	1971/72 projected	1972/73 projected
			Million bushels		
Beginning carryover	644	819	885	730	927
Production	1,402	1,460	1,370	1,640	1,500
Imports 2/	1	3	1	1	1
Total supply	2,047	2,282	2,256	2,371	2,428
Food 3/	513	520	519	520	
Seed	68	57	63	64	
Feed (residual) 4/	111	214	206	285	
On farms where grown	(43)	(61)	(62)	(73)	
Domestic disappearance	692	791	788	869	
Exports 2/	728	606	738	575	
Total disappearance	1,420	1,397	1,526	1,444	
Ending carryover	627	885	730	927	
Privately owned--"Free"	(194)	(152)	(169)		
			Dollars per bushel		
Price Support					
National average loan rate	1.26	1.25	1.25	1.25	
Average certificate payment	.50	.65	.75	.54	
Season Average Price Received					
By non-participants	1.39	1.24	1.33	1.31	
By program participants	1.89	1.89	2.08	1.86	

	Hard winter	Red winter	Hard spring 5/	Durum	White
			Million bushels		
Average 1964-68					
Beginning carryover	411	13	161	43	16
Production	700	225	205	73	199
Total supply	1,111	238	367	116	215
Domestic disappearance	303	146	138	39	66
Exports 2/	422	73	76	34	123
Total disappearance	725	219	214	73	189
1969/70					
Beginning carryover	524	33	163	41	58
Production	790	194	189	106	181
Total supply	1,314	227	355	147	239
Domestic disappearance	353	176	137	35	90
Exports 2/	336	28	89	34	119
Total disappearance	689	204	226	69	209
1970/71 Preliminary					
Beginning carryover	625	23	129	78	30
Production	760	183	198	50	179
Total supply	1,385	206	328	128	209
Domestic disappearance	385	165	124	35	79
Exports 2/	450	26	113	39	110
Total disappearance	835	191	237	74	189
1971/72 Projected					
Beginning carryover	550	15	91	54	20
Production	759	221	367	88	205
Total supply	1,309	236	459	142	225
Domestic disappearance	426	180	142	36	85
Exports 2/	308	37	90	40	100
Total disappearance	734	217	232	76	185
Carryover, June 30, 1972	575	19	227	66	40

1/ Data by class, except production, are approximations. Projected disappearance figures should be regarded as midpoint of estimated ranges. 2/ Imports and exports include flour and other products in terms of wheat. 3/ Used for food in the United States, U.S. territories, and by the military at home and abroad. 4/ Assumed to roughly approximate total amount used for feed, including mixed and processed feed, also includes negligible quantities used in distilled spirits and beer. 5/ Total supply of Hard spring includes imports.

WHEAT SITUATION

CONTENTS

	Page
Summary	3
Situation in 1971/72	4
Indications for 1972/73	6
Recent Announcement	7
Highlights of the Rye Situation	8
Special Article — Buckwheat: A Look at Its Prospects and Problems	9
List of Tables	37

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The next issue of the *Wheat Situation* will be published in August 1972.

SUMMARY

Domestic use of wheat this marketing year is rising to the highest level in over 2 decades, thanks to heavy use for feed. However, exports are running sharply lower and total wheat disappearance is expected to fall about 5% from last season's 1,526 million bushels. Since the 1971 harvest boosted supplies sharply, around 200 million bushels will be added to stocks, pushing them to the highest level since 1963. Carryovers of Hard Red Spring (HRS), Hard Red Winter (HRW), and Durum wheats will be heaviest.

Farm prices for the season will average moderately above the loan rate and close to the $1.33 per bushel of last season, despite the much larger wheat supply and smaller disappearance. Prices were still strong early in the season when a large part of the crop was marketed. Farmers have used the loan program judiciously this year and privately held supplies have been maintained in good balance with demand.

World wheat production rose 10% to a record 318 million metric tons in 1971. Generally favorable weather was the main reason for output being up for all major producers except the USSR and Mainland China. The larger wheat harvest has dropped world import demand about 5% from last season's 53.8 million metric tons. Europe will buy less, accounting for most of the reduction. World wheat prices have dropped 10 to 20 cents a bushel as a result of larger supplies, lower import demand, and lower feed grain prices.

Farms that are enrolled in the 1972 wheat program account for 94% of the eligible national domestic allotment of 19.5 million acres, about the same as last year. Set-aside acreage was up a half totaling 20.3 million, including 15.3 million required and 5.0 million voluntary additional. Total harvested acreage is estimated at about 47.0 million acres, down 3% from last year. Harvested spring wheat acreage may be down nearly a third but winter wheat acreage was increased.

Winter wheat production as of May 1 was indicated at 1,149 million bushels, down 1% from last year. Assuming spring wheat yields are on trend, total wheat production may be around 1,500 million bushels, down 9% from this season's record. However, a crop this size would indicate some price pressures, and unless exports recover sharply from this season's low level, there could be an increase in carryout at the end of the 1972/73 marketing year. Prospects point to larger soft wheat crops, sharply reduced HRS and durum harvests, and little change in HRW.

The national domestic wheat allotment for the 1973 crop will be 18.7 million acres. The amount of domestic marketing certificates to be issued to complying farmers remains at 535 million bushels.

Large rye supplies overshadow strong domestic usage, contributing to large stocks through the season. Although rye feeding will be the largest in nearly 3 decades and total disappearance the largest since 1962/63, carryover this summer will soar to around 45 million bushels. The pressure of these supplies has pushed monthly prices 5 to 7 cents below the 89 cent per bushel loan rate.

Demand for buckwheat appears to be rising after a half century of decline. The current appeal of "natural" foods and the advent of new buckwheat products have absorbed domestic supplies and necessitated sizable imports. Buckwheat acreage, concentrated in the Northeast and North Central States has been in a long decline. Generally stagnant yields have placed buckwheat at a comparative disadvantage with other crop production.

THE SITUATION FOR WHEAT IN 1971/72

July-March Results

Wheat stocks in all positions on April 1 totaled 1,215 million bushels, 14% more than a year earlier(table14). Farm holdings, at 528 million, were a record high for that date because of heavy use of the loan program. Indicated disappearance for the first 3 quarters of the 1971/72 crop year was 1,156 million bushels, down 3% from the same period last year.

Exports, at 441 million bushels, continued well below last year's pace. Shipments during January-March were still plagued by the West Coast dock strike and sluggish demand due to the record world wheat crop.

Wheat feeding has been the big surprise this season. After accounting for food, seed, and exports, wheat feeding—the residual estimate—was 268 million bushels during July-March. The reasons for this high level are not completely obvious in view of record feed grain supplies and widening price differentials. But there are indications that feeders are shifting wheat into their basic ration, and will maintain it for at least the duration of the feeding period. Feeding has apparently been heavy in the Central and Southern Plains and to a lesser extent in the Southeast.

Wheat: Supply and disappearance, July-March

Item	1970/71	1971/72
	Million bushels	*Million bushels*
July 1 Stocks	885	730
Production	1,370	1,640
Imports	1	1
Total Supply	2,256	2,371
Food	396	397
Seed	49	50
Feed	189	268
Exports	558	441
Total Disappearance	1,192	1,156
April 1 Stocks	1,064	1,215

Heavy use of the loan program has kept privately held supplies relatively tight for most classes of wheat even though total stocks were up 14%(table 17).By the end of April, loan placements accounted for 26% of the 1971 crop. After accounting for all wheat still outstanding under loan and CCC-owned wheat, remaining "free stocks" totaled 392 million bushels on April 1, down slightly from a year earlier.

Farm prices have averaged about a dime over loan since November reflecting slow movement out of growers' hands and active bidding on free supplies. With this and early season strength, prices will average near the $1.33 per bushel of last year, despite the larger wheat supply.

Wheat prices received by farmers, 1971/72

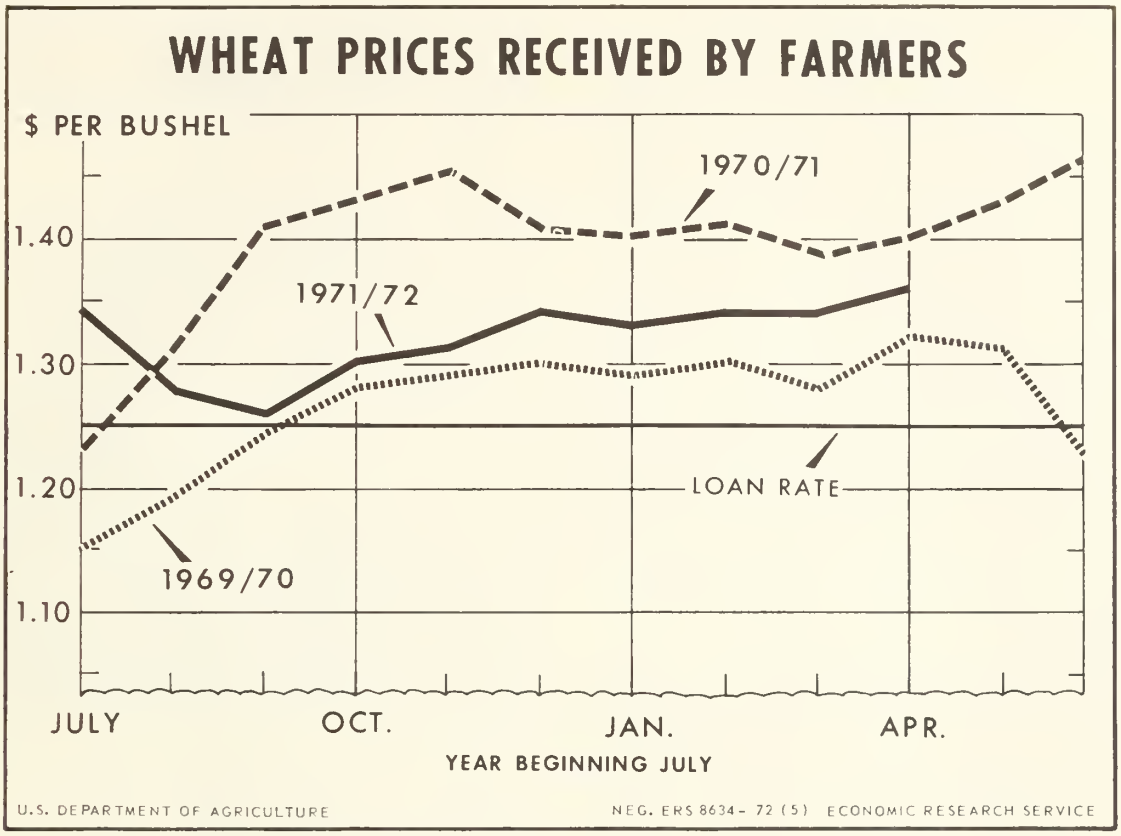
Month	Price	Month	Price
	Dol. per bu.		*Dol. per bu.*
July	1.34	January	1.33
August	1.28	February	1.34
September	1.26	March	1.34
October	1.30	April	1.36
November	1.31	May	
December	1.34	June	
		Season	1.31

Season's Feed and Disappearance Estimates Raised

In view of July-March apparent results, wheat feeding for the 1971/72 marketing year is now estimated at 285 million bushels, the most since the war years when wheat was subsidized into feeding outlets. This pushes total disappearance for the season to 1,444 million bushels, up 44 million from the level predicted in the February issue of the *Wheat Situation*, but still 5% below last season's total. Estimates for food, seed, and exports are unchanged at 520, 64, and 575 million bushels respectively. Exports, the only demand component lower than last season, are down a fifth as a result of larger world wheat supplies and shipping problems.

Carryover This Summer Larger

With supplies up sharply this year because of the record crop and lower disappearance, carryover will be a fourth higher than last summer and the largest since 1963. Carryover will be largest in Hard Red Spring (HRS), Hard Red Winter (HRW), and Durum. Supplies



of White and Soft Red Winter (SRW) will be fairly tight going into 1972/73.

Loan Extension Announced

Extension of support loans on 1971-crop wheat stored in commercial warehouses has been authorized. Also approved for continuance under loan was 1970-crop wheat in warehouse storage. Producers lacking on-farm facilities can now continue warehouse loans without payment of storage, since CCC assumes cost of storage during the extended loan period. Extension of farm-stored reseal loans was previously announced.

For 1971-crop loans, the maturity dates are May 31, 1972, in Idaho, Montana, North Dakota, Oregon, Washington, and Wyoming; and April 30, 1972 in all other States.

HRW Supplies Nearly Balance Demand

HRW was the only major wheat class that entered the 1971/72 marketing year with a smaller supply. Demand has been strong with heavy wheat feeding almost offsetting lower exports. Disappearance for the season may nearly approximate the 1971 harvest resulting in little buildup in carryover from last summer's 550 million bushels.

On April 1, CCC owned or controlled about 440 million bushels of HRW, somewhat over two-thirds of the supply as of this date.[1] This leaves "free" or privately held stocks in relatively tight supply in relation to anticipated disappearance for the remainder of the season.

HRS Supplies Larger, Prices Lower

From a very low carryover last summer, the record HRS crop in 1971 brought supplies to a plentiful level. Prices, under immediate pressure as exports began to lag badly because of marketing problems, have tested loan levels through much of the season. This situation resulted in a fairly sharp increase in HRS milling, as HRS was substituted for the higher protein HRW's. Growers have made extensive use of the loan program with a third of the crop enrolled by the end of March. With disappearance falling short of the 1971-crop, year-ending stocks will more than double the previous 91 million bushels.

On April 1, the government owned or controlled about 250 million bushels of HRS, or over two-thirds of the total. The remaining "free" stocks should be adequate to fill all needs through the end of the season.

Ports Open and White Wheat Moves

The white wheat market was virtually at a standstill during the prolonged West Coast dock strike. However,

[1] CCC loan placements and outstandings are now available by class of wheat. These data are published in tables of this Situation for the first time.

Wheat: CCC owned or controlled stocks, April 1, 1972

Item	HRW	HRS	SRW	White	Durum
	Million bushels	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*
CCC owned	279.6	30.7	5.0	1.1	9.9
Outstanding 1971 loans	85.6	149.3	1.6	39.2	15.8
Reseal loans[1]	77.2	67.5	.2	2.1	17.8
Total	442.4	247.5	6.8	42.4	43.5

[1] Partly estimated.

will likely total only moderately below last year's 110 million bushels. Total disappearance will fall short of the 1971 crop, resulting in an increase in carryover.

Stocks owned or controlled by CCC were around 40 million bushels on April 1, about 45% of the total. Heavy April-June exports are likely to squeeze the remaining "free" supplies, maintaining price strength for the rest of the year.

Durum Supplies Larger and Prices Lower

Like HRS, durum production was up sharply in 1971 as a result of increased acreage and yields. Prices also dropped but not to the extent of HRS. After a slow start, durum exports have picked up and may total around last year's high level of 39 million bushels. Domestic disappearance may also about equal last year's level, so the net result will be a sharp rise in carryover to around 65 million bushels. On April 1, government-owned or controlled stocks accounted for about 45% of the total stocks.

Larger World Output But Lower Trade[1]

World wheat production in 1971 reached a record 318 million metric tons (11.7 billion bushels), 10% above 1970 (table 25). Area was up 2% and yield gained 8%. All major producers except the USSR and Mainland China increased production. Even in those 2 countries, output was well above average.

The larger outturn has reduced world import demand for wheat by around 5% from last season's 53.8 million metric tons. Most of this decrease will occur in Europe, although imports will also tail off in most other regions. The USSR, which has purchased wheat from Canada, Australia, and France, accounts for the only large increase in shipments.

Not all exporters have suffered from the drop in trade. Canada's exports are expected to increase about a fourth to 14.3 million metric tons and the European Community's shipments may be up somewhat. On the other hand, U.S. exports at 15.6 million tons will be down around a fifth.

[1] Based on information from the Grain and Feed Division, FAS.

INDICATIONS FOR 1972/73

U.S. Set-Aside For 1972 Crop Up A Half

Final signup returns for the 1972 Wheat Program show that enrolled farms account for 94% of the eligible national domestic allotment of 19.5 million acres (table 16). Set-aside acreage totaled 20.3 million, including 15.3 million required and 5.0 million voluntary additional. Set aside in the 1971 program, which was all required, totaled 13.7 million acres.

Growers participating in the 1972 program were required to set aside acreage equivalent to 83% of their farm domestic allotment. They also had the option to voluntarily set aside additional acreage (VASA) up to 75% of their farm domestic allotment for which they will be paid at a rate of 94 cents a bushel times their farm's established yield. This provision was announced on January 10 after winter wheat growers had seeded their crop and incurred planting costs.

The impact of the VASA was greatest in the hard wheat Plain States. Response to VASA probably was nearly equally divided between winter and spring wheat. But from a relative position, response in the spring wheat States was much greater, equaling 17% of January 1 planting intentions. This was anticipated, for the payment was a greater incentive to spring wheat growers since they hadn't incurred planting costs. On the other hand, VASA response in winter wheat States accounted for only about 4% of December indicated plantings. Participation in the SRW and White Wheat regions was light.

Spring Seedings Lower

On March 1, farmers intended to plant 13.2 million acres of spring wheat, 17% below last year's high level. Intentions were down 12% for durum and 19% for other spring wheat.

The VASA of the 1972 Wheat Program has added an unusual degree of uncertainty about spring plantings. Since signup for the program was not completed until March 10, that portion of the VASA signed up during the first 10 days of March may not have been completely reflected in the March 1 planting intentions. Actual spring plantings could be 2-5% lower. The next estimate for the spring crop will be released on July 12.

Rain or snow delayed field work by as much as 3 weeks in most of the spring wheat area of the Northern Plains. However, once the crop was seeded, soil moisture conditions were excellent for early growth.

Winter Wheat Prospects Lowered

Last December winter wheat producers indicated seedings were 42.2 million acres, 9% above a year earlier.

growers' heavy use of the loan program (see table 19) moderated the adverse effect of this situation. Once ports reopened, exports and demand surged, pushing prices up sharply. Assuming ports stay open, shipments Crop and conditions then pointed to a record winter wheat crop of about 1.3 million bushels. But VASA and dry weather in the Southern and Central Plain States have resulted in a smaller winter wheat crop than indicated in December. Farmers' response to VASA has lowered acreage about 5%. Depleted moisture reserves in March and April, reduced yields from what would have been bumper levels. The 1972 winter crop, as of May 1, was estimated at 1,149 million bushels, 1% less than last year's good outturn. Rains in early May were generally favorable for crop growth.

Large Wheat Crop in Offing

Assuming yields are on trend, spring wheat production could reach 345 million bushels. This, coupled with the indicated winter wheat crop, points to another large wheat crop of around 1,500 million bushels. Although smaller than last season's record, a crop of this size could still have a bearish effect on prices and lead to an increase in carryout for 1972/73 unless there is a sharp recovery in exports.

Prospects point to larger soft wheat crops, sharply reduced HRS and durum harvests, and little change in HRW. Total 1972/73 supplies for the respective classes will reflect a different picture. Supplies for all classes but durum may be larger than in 1971/72. HRS and the 2 soft wheats will show the largest increase.

1972 Wheat Prospects in Europe and the USSR Mixed

Weather—that uncontrollable variable that is the main determinant in annual production swings—has left the winter wheat crop in Europe and the Soviet Union in widely varied conditions.

Generally, the winter wheat crop in Western Europe is in good condition, but there is indication that the area may be down because of reduced plantings in France and Italy. On balance, prospects point to another large crop in 1972, but somewhat short of the record 50.6 million metric tons of a year ago.

Dry weather has withered 1972 wheat prospects in Eastern Europe. Drought has been prevalent in most of this region except Romania and Bulgaria since late summer 1971. Yugoslavia, Hungary, and East Germany have been hit the hardest.

In the USSR, winter kill has severely damaged winter wheat, which normally accounts for about 40% of the total wheat crop. While some of the loss might be covered by increased spring wheat seedings, 1972 wheat production will likely fall significantly below last year's good crop of 79 million tons. Possibly in view of these prospects, and enlarged consumption requirements, the Soviet Union again contracted with Canada for the purchase of 3.5 million tons of wheat to be shipped after June 1972. Included in this contract is the option to buy an additional 1.5 million tons.[1]

Another Record Wheat Crop for India

The Green Revolution is still very much alive in the "chapati basket" of India, the world's fourth largest wheat producer. The wheat crop just harvested, at 25.5 million tons, marks the fifth consecutive record. In that period, wheat production has more than doubled, helping India to near its goal of self-sufficiency in food grains. The receipe to India's success continues to be expanded use of high-yielding semidwarf varieties, improved cultural practices and, of course, good weather. In India's case, this means favorable monsoons.

Canadian Planting Intentions Higher for 1972

Canadian wheat producers as of March 15 intended to seed 21.4 million acres, an increase of 11% from last year. Spring wheat included durum at 2.6 million acres and other spring wheat at 18.4 million. Winter wheat growers in Ontario seeded 405,000 acres last fall, up 8% from 1971. These intentions appear to be in response to the large exports this year and a 30% increase in the 1972/73 minimum delivery quota (505 million bushels) announced by the Wheat Board.

RECENT ANNOUNCEMENTS

County Loan Rate Set for 1972 Crop

County loan rates, based on the national average of $1.25 per bushel for 1972 crop wheat (No. 1), are generally the same as in 1971. County rates are increased 2 cents per bushel in southern Idaho and Utah and in the spring wheat area—North Dakota, northwestern Minnesota, eastern Montana, and northern South Dakota. These adjustments were made to reflect changes in historical price relationships.

Domestic Allotment Set for 1973 Crop

The national domestic wheat allotment (NDWA) for the 1973 crop will be 18.7 million acres. Under the provisions of the Agricultural Act of 1970, the NDWA

[1] For a fuller discussion, see an article by James W. Willis, "Winterkill in the USSR and Eastern Europe May Cause Grain Imports to Continue in 1972/73," Foreign Agriculture, USDA, March 20, 1972.

represents the acreage required to produce the amount of wheat used for food domestically or 535 million bushels, whichever is higher. The NDWA for 1972/73 is based on 535 million bushels and a yield of 31.0 bushels per acre.

The NDWA is the base for determining the number of domestic marketing certificates a program participant can receive and the acreage to be set aside on each participating farm. State and county domestic allotments, farm domestic allotments, farm projected yields, and set-aside provisions of the 1973 program will be announced later.

HIGHLIGHTS OF THE RYE SITUATION

Large rye supplies overshadow a strong domestic disappearance; thus stocks will continue large. Stocks on April 1 were 49.1 million bushels, 41% above a year ago and the largest for this date since the early 1940's. CCC-owned or controlled stocks accounted for the bulk of the total. Privately-held free stocks at 8 million bushels were about the same as a year ago and appear adequate to meet anticipated demand. Disappearance during the July-March period was strong. Lower prices under the new loan-rate structure encouraged a sharp expansion in rye feeding. Feed use, at 17 million bushels, was the largest in 28 years.

The slow pace of rye exports continues. Since the completion of the early-season special sale to Yugoslavia, only 400,000 bushels have been sold. Even if total rye disappearance this year reaches an estimated 9-year high of 34 million bushels, rye stocks this summer will soar to over 45 million.

With outlets unable to absorb the large crop this year, farmers have turned increasingly to the loan program. By the end of April (the maturity date of the 1971 loan program) over a third of the crop had been placed under loan. With prices continuing well below the support rate, there is little incentive to redeem loans. Thus, farmers were faced with the decision whether to turn the rye over to CCC or hold it under loan under the new reseal program. For the season, prices are currently estimated to average about 1 cent per bushel over the 89 cent loan rate.

Based on the previously announced national average loan level of 89 cents per bushel, all county loan rates, except in Colorado, will increase 1 cent per bushel over last year to reflect production shifts from the higher loan rate areas. County loan rates when weighted by production must average the national average. Loan rates in Colorado were increased 3 cents per bushel.

BUCKWHEAT: A LOOK AT ITS PROSPECTS AND PROBLEMS

by

Frank R. Gomme[1]

Abstract: After almost a half century of decline, demand for buckwheat has risen recently. The current interest in so-called "natural" foods and the advent of new buckwheat products have absorbed most of the domestic supplies and even necessitated sizable imports. Buckwheat acreage, limited to the Northeastern and North Central States, declined over the years as demand slumped. Without a substantial increase in the generally stagnant yields per acre, U.S. acreage planted to buckwheat may increase little from the current low level.

Key Words: Buckwheat, buckwheat flour, buckwheat groats.

Buckwheat, a crop which appeared to be going the way of the horse and buggy, has recently enjoyed a resurgence in popularity. It has long been available as a pancake mix. However, its new popularity stems from the current interest in "natural" foods. This is due in part to its high nutritional value which is equal or superior to many of the better known cereals or seeds.

Buckwheat originated in Asia, and was brought to the New World by the colonists. It was popular in the Northeast and North Central United States because of its ability to produce a crop on marginal soils with a minimum of tilling.

As breakfast habits changed and other feeds were substituted for buckwheat, consumption slipped. Faced with a declining demand and low returns per acre compared with most other crops, buckwheat production fell rapidly. By the early 1960's, it had dropped to around 1 million bushels from 12 million in 1900. It was grown mainly in New York, Pennsylvania, Michigan, and Wisconsin. Production continued to falter through the 1960's. Thus, when demand picked up sharply in recent years, buyers were unable to locate enough, so they turned to Canada.

Although buckwheat is commonly considered a grain or cereal crop, it is not a member of the grass family, and thus is not a true cereal. It belongs to the polygonaceae or buckwheat family that includes such weeds as dock, sorrel, bindweed and knotweed (1).[2] The color, size, and shape of the buckwheat kernel varies considerably. The kernel is dark and most frequently roughly triangular shaped.

The basic types of buckwheat produced in the United States are Japanese, silver hull, and common. However, much that is now grown is highly varied in both plant and seed characteristics due to the cross-pollination between the Japanese and silver hull types. Buckwheat approaching the Japanese type is probably the most extensively grown and widely adapted type (2). Some tartary type is occasionally grown in the mountain areas of the eastern United States.

[1] Agricultural Economist, Economic Reasearch Service.

[2] Numbers in parenthesis refer to references listed at the end of this report.

Because of its short growing season requirements, buckwheat is often planted late in the crop year, usually late June or early July. It grows best in a cool moist climate. A field normally requires little cultural attention as the seeds germinate quickly and soon crowd out any competition. Buckwheat often lodges badly, resulting in considerable seed loss before and during harvest.

In 1964 the USDA discontinued its data series on buckwheat. Data had been collected on acreage, yield, and production, farm disposition of the buckwheat crop, and prices received by farmers. This study updates some of these data series. Because of the small quantities involved, the Bureau of the Census has for some time included most buckwheat data in a general category with other grains.

Production Suffers Long-Term Decline

As the demand for buckwheat slumped, less acreage was devoted to production. In 1969, only around 39,000 acres were harvested, less than one-tenth the 1947 level. With very little increase in per acre yields, production has followed a similar trend. The 1969 crop at 678,000 bushels was the smallest on record. Yields in 1969, at 17.3 bushels per acre, were about 2 bushels below the 1960-64 average. Harvested acreage and production for 1969, as shown in table 2, are based on State and county data from the 1969 Census of Agriculture (3). Yields per acre were derived by dividing production by acreage. Planted acreage is based on a normal abandonment rate of about 20 percent.

State data on quantity sold and market receipts for buckwheat confirm the decline in buckwheat production during the 1964-69 period and indicate that a further drop occurred to 1971.

A number of factors contributed to the long-term decline in buckwheat production. Probably the most important has been the fall off in demand. Among the more serious factors has been the lack of plant breeding research effort. Since buckwheat is naturally cross-pollinated and can not be inbred because of self-incompatability, it is not well adapted for

improvement through plant breeding, Thus, other grains with steadily increasing yields have gained an advantage. Another important factor which has limited yield increases has been its poor response to high fertilizer applications and to other cultural practices that have increased yields for other crops, especially on marginal land.

The trend in buckwheat yields has been discouraging. Yields per acre have changed little in the last 20 years, while those of corn and wheat have gone up 100 and 80% respectively. Oats, one of buckwheat's principal competitors, has shown a 70% jump in yields. At recent price levels, oats would give a farmer a substantially higher per acre return than buckwheat. This has hurt buckwheat's competitive position.

Historically, the leading buckwheat producing States were New York, Pennsylvania, Michigan, and Wisconsin. In the late 1950's, New York and Pennsylvania accounted for 49% of the total buckwheat acreage, but by 1969, their share had slipped to 46%. Minnesota and North Dakota have moved up in importance, ahead of Michigan and Wisconsin.

In a 20-year span from 1950 to 1969, acreage in New York, the major producing State, shrank from over 70,000 acres to around 14,000. The acreage decline in Pennsylvania was even more dramatic, from slightly less than 60,000 acres in 1950 to around 4,000 by 1969. For these 2 States, the situation has likely deteriorated even more since 1969.

Minnesota's acreage has held at about a third of the 1950 level, while North Dakota has increased acreage to become a leading buckwheat State. Acreage in Michigan and Wisconsin has all but disappeared.

Buckwheat: Acreage, yield and production

States	Harvested acreage		
	1950	1964	1969
	1,000 acres	*1,000 acres*	*1,000 acres*
New York ...	75	17	14
Minnesota ...	24	NA	9
Pennsylvania .	59	13	4
North Dakota	4	NA	5
Michigan	17	13	2
Wisconsin ...	21	7	1
Other States .	53	NA	4
Total	253	50	39
	Yields per acre		
	1950	1964	1969
	Bushels	*Bushels*	*Bushels*
New York ...	19.5	20.5	15.4
Minnesota ...	10.5	NA	18.4
Pennsylvania .	19.0	23.5	24.5
North Dakota	15.0	NA	18.6
Michigan	14.5	18.5	12.0
Wisconsin ...	17.0	18.0	20.0
Other States .	17.5	NA	15.3
Total	17.5	20.4	17.3
	Production		
	1950	1964	1969
	1,000 bushels	*1,000 bushels*	*1,000 bushels*
New York ...	1,462	384	216
Minnesota ...	252	NA	166
Pennsylvania .	1,121	306	98
North Dakota	60	NA	93
Michigan	246	240	24
Wisconsin ...	357	126	20
Other States .	926	NA	61
Total	4,424	1,020	678

NA - Not Available.

Source: (3 and 4)

Buckwheat is a Versatile Crop

Buckwheat has never been a major food or feed. Recent per capita consumption of less than a tenth of a pound for buckwheat compares with wheat at 150 pounds, corn at 56, and rice at almost 8 pounds. Changing tastes and breakfast habits and a declining use as an animal feed have reduced demand.

Most people are familiar with buckwheat in the form of buckwheat pancake mixes. These mixes contain around 40% buckwheat flour in addition to wheat and other flours. Normally 60 pounds of flour are obtained from 100 pounds of buckwheat. A hundredweight of buckwheat grain would furnish enough flour to produce 143 one-lb. boxes of buckwheat pancake mix (5).

Buckwheat groats and straight buckwheat flour, long hidden in an obscure corner of the grocery store, have moved to the forefront, displayed prominently among the "natural" foods. Buckwheat has also reappeared in the cereal section of the store as a new ready-to-eat breakfast cereal.

Buckwheat flour is generally dark in color due to presence of hull fragments not removed during the milling process. Buckwheat grain is also utilized in the form of groats—that part of the kernel that is left after the hull is removed. Groats are used in breakfast food, porridge, and as a thickening agent (6).

Estimates based on the 1965 Household Food Consumption Survey put per-capita consumption of buckwheat at around a tenth of a pound (7). This would be equivalent to a total food demand of around 260,000 bushels. The recent surge in usage may have nearly doubled this estimate if the increase in imports from Canada is indicative.

Buckwheat was often fed to livestock on the farm where grown, but still accounted for only a minor part of the total feed concentrate supplies. Because of its relatively high fiber content and low total digestible nutrients, it is considered to have a lower feeding value than other grains. It is normally ground and mixed with other feeds. Buckwheat middlings, separated from the flour during the milling process, are a satisfactory protein supplement when used in limited quantity in a ration.

Buckwheat has a number of additional uses. It was once an important source of pollen for honey bees. Buckwheat honey is very dark and is quite popular in some areas (8). Buckwheat is often used as a green manure crop in an effort to improve poor soils and as a smother crop to crowd out weeds. Another use is in wild bird feeds. Tartary buckwheat was of special interest for some time as a source of rutin, a flavonal glycoside used in treatment of certain vascular disorders. However, other sources of rutin are now more important (2). Buckwheat hulls are used as a packaging material an insulating material, and as a soil mulch or compost.

Prices Hold Up

Traditionally about half the buckwheat produced was used on the farm where grown. With the decline in buckwheat feeding, an increasing portion of the crop was sold. It now appears that close to 90% of the crop may move off the farm.

New-crop buckwheat normally reaches the market in mid-September. A large part of the crop is usually absorbed by the market shortly after harvest. As the USDA standard weight of 48 pounds for a bushel of buckwheat is not universally accepted, most trades are on a hundredweight basis (9).

There has been no official USDA series on buckwheat farm prices since 1964. However, a comparision of earlier farm prices in Canada and the United States had disclosed a strong relationship between prices in the two countries.

This is shown in the following regression equation based on data for crop years 1951-70.

$X_1 = -0.37811 + 1.33290\ X_2 + 0.13529\ X_3$

"t" values 9.14085 3.36547

$R^2 = 0.90$ Standard Error of Estimate = 0.05 cents per bushel

where:

X_1 = Average price received by U.S. farmers per bushel of buckwheat

X_2 = Average price received by Canadian farmers per bushel of buckwheat

X_3 = One for 1954/55 and 1963/64, and zero for all others

The significant results of this regression are not surprising in view of the close proximity of the 2 producing areas and only limited trade restrictions.

Buckwheat prices have moved upward in the last few years, possibly indicating that the decline in consumption was not as sharp as the decline in production, thus tightening up supplies.

Monthly prices received by farmers indicate limited seasonality. Although much of the crop is marketed soon after harvest, additional supplies often enter the market late in the year after the farmer has determined how much buckwheat he needs to use for seed.

Buckwheat: Prices received by farmers, United States and Canada, 1951-70[1]

Crop year	United States	Canada	Crop year	United States	Canada
	Dollars per bushel			Dollars per bushel	
1951 ...	1.39	1.35	1961...	1.15	1.14
1952 ...	1.40	1.30	1962...	1.31	1.25
1953 ...	.90	1.05	1963...	1.42	1.27
1954 ...	1.24	1.09	1964...	1.08	1.10
1955 ...	1.16	1.20	1965...	[2] 1.13	1.13
1956 ...	1.19	1.15	1966...	[2] 1.45	1.37
1957 ...	1.10	1.07	1967...	[2] 1.68	1.54
1958 ...	1.02	1.05	1968...	[2] 1.60	1.48
1959 ...	1.05	1.06	1969...	[2] 1.65	1.52
1960 ...	1.16	1.12	1970...	[2] 1.46	1.38

[1] Prices are quoted in U.S. and Canadian currency, respectively.
[2] U.S. price estimated using regression equation above.

Because of their proximity to the milling centers, farmers in the Northeast have normally received higher prices than other producers. This has ofter been reflected in a 40 to 50 cent per cwt. disparity between prices at the Minneapolis market and what eastern mills are willing to pay. Minneapolis is one of the few markets where buckwheat prices are quoted.

Buckwheat has not been an important export. In fact, with the surge in demand in the last couple of years, there have been sizable imports. From 1968 to 1972, import duties have gradually been reduced to zero.

Buckwheat: U.S. imports from Canada, 1960-71

Calendar year	Quantity	Calendar year	Quantity
	Bushels		*Bushels*
1960	110,222	1966	8,127
1961	51,944	1967	23,471
1962	46,075	1968	8,877
1963	30,963	1969	3,896
1964	4,198	1970	27,433
1965	5,208	1971	156,481

Source: (10)

Future of U.S. Buckwheat Industry Uncertain

If the trend to "natural" foods continues and the new buckwheat products are favorably received, demand for buckwheat will likely continue to climb from the recent low levels. Of major concern is how will we meet our needs—from domestic or imported supplies. At current yield and price levels, buckwheat is not always competitive with more generally produced grains. Thus, it is often planted only after all other alternatives have been exhausted. The stability in buckwheat yields has discouraged production and without increased research, the prospects for a surge in buckwheat yields are limited.

To assure adequate supplies at reasonable prices, buyers of buckwheat may have to contract acreage. This practice is common in some areas now.

Table 2.— Buckwheat: Acreage yield and production, United States, 1940-69[1]

Crop year	Acreage seeded	Acreage harvested	Yield per harvested acre	Production
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*
1940	420	388	16.7	6,476
1941	355	337	17.9	6,038
1942	403	375	17.7	6,636
1943	528	505	17.5	8,830
1944	531	508	17.6	8.956
1945	477	401	16.1	6,467
1946	408	383	17.8	6,812
1947	545	505	14.2	7,177
1948	348	330	18.4	6,085
1949	281	269	18.4	4,956
1950	291	253	17.5	4,424
1951	220	199	16.6	3,296
1952	177	163	19.8	3,232
1953	192	178	18.0	3,199
1954	177	150	17.9	2,692
1955	126	107	17.0	1,822
1956	116	100	18.3	1,832
1957	113	98	17.0	1,664
1958	101	86	17.8	1,533
1959	81	60	16.9	1,012
1960	56	48	17.6	847
1961	59	46	18.8	864
1962	61	41	20.2	828
1963	51	45	21.2	952
1964	57	50	20.4	1,020
1969[2]	48	39	17.3	678

[1] SRS discontinued reporting data in 1965. [2] Data for harvested acres and production are based on 1969 Census of Agriculture. seeded acreage based on historical abandoment.

BIBLIOGRAPHY

(1) Marshall, Harold G., 1969 Description and Culture of Buckwheat, Bul. 754 College of Agri. Exp. Sta., Pa. State Univ., Feb. 1969

(2) Sando, W.J., 1956 Buckwheat Culture, Agr. Res. Serv., U.S. Dept. Agr., Feb. 1956

(3) U.S. Bureau of the Census 1972 Census of Agriculture 1969, Statistics for State and Countries.

(4) Statistical Reporting Service 1966, Field Crops, Acreage, Yield and Production, Stat. Bul, 384, U.S. Dept. Agr. Dec. 1966 and earlier

(5) Economic Research Service, 1965, Conversion Factors and Weights and Measures for Agricultural Commodities and their products, Stat. Bul. 362, U.S. Dept. Agr. June 1965

(6) Coe, Mayne R., 1931, Buckwheat Milling and Its Byproducts, Circ. 190, Bur. Chem., U.S. Dept. Agr., Dec. 1931

(7) Agricultural Research Service, 1965, Food Consumption of Households in the United States, U.S. Dept. Agr.

(8) Morse, Roger A., 1966, What Happened to Buckwheat Honey, Department of Entomology, Cornell Univ., Ithaca, N.Y., Dec. 1966

(9) Robinson R.G., 1962, Milled, Buckwheat and Annual Canary Grass Production in Minnesota, Bul. 302, U.S. Dept. Agr., Agr. Ext. Serv., Univ. Minn., June 1962.

(10) U.S. Bureau of the Census 1972, U.S. Imports for Consumption, For. Trade Div., March 1972 and earlier.

Table 3.--Wheat: Supply and disappearance, U.S., by quarters, 1964-72

Year and quarter	Beginning stocks	Production	Imports	Total supply	Ending stocks	Total disappearance	Exports				Domestic					
							Grain 1/	Flour	Products 2/	Total	Flour	Other products 2/	Total food	Seed	Feed 3/	Total
	Million bushels															
1964/65																
July-Sept.	901.4	1,283.4	.3	2,185.1	1,809.3	375.8	159.3	22.2	2.4	183.9	4/132.0	3.3	135.3	28.7	28.1	191.9
Oct.-Dec.	1,809.3	---	.1	1,809.4	1,449.3	360.1	181.1	26.9	2.4	210.4	125.5	3.3	128.8	20.3	1/	149.7
Jan.-Mar.	1,449.3	---	.4	1,449.7	1,145.2	304.5	113.4	10.1	1.7	125.2	125.0	3.4	128.4	.1	42.7	170.3
Apr.-June	1,145.2	---	.3	1,145.5	817.3	328.2	182.9	20.7	1.9	205.5	4/112.4	3.4	115.8	14.0		129.7
Season	901.4	1,283.4	1.1	2,185.9	817.3	1,368.6	636.7	79.9	8.4	725.0	492.8	13.4	506.2	63.6	68.8	643.6
1965/66																
July-Sept.	817.3	1,315.6	.2	2,133.1	1,704.0	429.1	187.4	18.7	1.4	207.5	4/130.9	3.3	134.2	23.5	63.9	221.6
Oct.-Dec.	1,704.0	---	.1	1,704.1	1,336.0	368.1	166.4	19.9	2.0	188.3	126.6	3.3	129.9	23.6	26.3	179.8
Jan.-Mar.	1,336.0	---	.3	1,336.3	917.3	419.0	212.8	12.9	3.0	228.7	126.3	3.4	129.7	.1	60.5	190.3
Apr.-June	917.3	---	.3	917.6	535.2	382.4	217.4	22.1	3.1	242.6	118.2	3.4	121.6	14.7	3.2	139.5
Season	817.3	1,315.6	.9	2,133.8	535.2	1,598.6	784.0	73.6	9.8	867.4	502.0	13.4	515.4	61.9	153.9	731.2
1966/67																
July-Sept.	535.2	1,311.7	1.0	1,847.9	1,436.5	411.4	211.1	19.6	1.3	231.9	125.5	3.3	128.8	35.6	15.1	179.5
Oct.-Dec.	1,436.5	---	.2	1,436.7	1,049.1	387.6	184.4	20.5	2.2	207.1	123.1	3.3	126.4	25.5	28.6	180.5
Jan.-Mar.	1,049.1	---	.2	1,049.3	700.1	349.2	135.2	11.9	3.3	150.4	124.2	3.3	127.5	.2	55.3	198.8
Apr.-June	700.1	---	.3	700.4	425.0	275.4	136.0	16.1	2.8	154.9	115.9	3.3	119.2	17.1		180.5
Season	535.2	1,311.7	1.7	1,848.6	425.0	1,423.6	666.7	68.0	9.6	744.3	488.7	13.2	501.9	78.4	99.0	679.3
1967/68																
July-Sept.	425.0	1,522.4	.1	1,947.5	1,559.3	388.2	188.5	8.9	2.9	199.6	130.6	3.3	133.9	37.8	16.4	188.6
Oct.-Dec.	1,559.3	---	.2	1,559.5	1,212.1	347.4	181.5	11.5	2.8	195.8	131.1	3.2	134.3	28.6		151.6
Jan.-Mar.	1,212.1	---	.3	1,212.4	839.5	372.9	184.6	15.9	3.3	203.8	127.1	3.3	130.4	.2	38.5	169.1
Apr.-June	839.5	---	.3	839.8	539.4	300.4	143.0	15.6	3.3	161.9	113.3	3.3	120.6	15.7	2.2	138.5
Season	425.0	1,522.4	.9	1,948.3	539.4	1,408.9	697.6	51.2	12.3	761.1	506.1	13.1	519.2	71.2	57.1	647.8
1968/69																
July-Sept.	539.4	1,576.2	.2	2,115.8	1,684.9	430.9	120.5	14.0	3.3	137.8	128.8	3.3	132.1	28.1	136.9	293.1
Oct.-Dec.	1,684.9	---	.2	1,685.1	1,345.7	339.4	142.6	18.2	3.7	164.5	132.4	3.3	135.7	20.9	16.3	174.9
Jan.-Mar.	1,345.7	---	.3	1,346.0	1,112.4	233.6	66.2	6.4	2.8	75.4	127.6	3.3	130.9	.4	19.7	158.2
Apr.-June	1,112.4	---	.4	1,112.8	818.6	294.2	141.7	22.0	2.8	166.5	114.7	3.3	121.0	13.9		127.7
Season	539.4	1,576.2	1.1	2,116.7	818.6	1,298.1	471.0	60.6	12.6	544.2	503.5	13.2	519.7	61.3	172.9	753.9
1969/70																
July-Sept.	818.6	1,460.2	.3	2,279.1	1,875.2	403.9	108.4	13.7	2.0	124.1	127.8	3.3	131.1	20.3	124.4	279.8
Oct.-Dec.	1,875.2	---	1.0	1,876.2	1,534.5	341.7	127.2	17.8	4.0	149.0	134.8	3.2	138.0	21.2	33.5	192.7
Jan.-Mar.	1,534.5	---	.8	1,535.3	1,197.7	337.6	148.4	16.5	3.0	167.9	127.2	3.4	130.6	.4	38.7	169.7
Apr.-June	1,197.7	---	1.1	1,198.8	884.7	314.1	145.9	17.0	2.2	165.1	117.5	3.4	120.9	12.9	15.2	149.0
Season	818.6	1,460.2	3.2	2,282.0	884.7	1,397.3	529.9	65.0	11.2	606.1	507.3	13.3	520.6	56.8	213.8	791.2
1970/71																
July-Sept.	884.7	1,370.2	.2	2,255.1	1,794.9	460.2	154.2	9.6	3.2	167.0	131.8	3.5	135.3	24.8	133.1	293.2
Oct.-Dec.	1,794.9	---	.2	1,795.1	1,415.1	380.0	191.7	16.1	3.7	211.5	127.8	3.5	131.3	23.6	13.6	168.5
Jan.-Mar.	1,415.1	---	.3	1,415.4	1,063.6	351.8	166.0	11.3	2.1	179.4	125.7	3.5	129.2	.4	42.8	172.4
Apr.-June	1,063.6	---	.4	1,064.0	730.2	333.8	161.6	15.0	3.0	179.6	120.1	3.5	123.6	14.4	16.2	154.2
Season	884.7	1,370.2	1.1	2,256.0	730.2	1,525.8	673.5	52.0	12.0	737.5	505.4	14.0	519.4	63.2	205.7	788.3
1971/72																
July-Sept.	730.2	1,639.5	.2	2,369.9	1,881.2	488.7	149.7	11.7	2.5	163.9	132.1	3.5	135.6	25.2	164.0	324.8
Oct.-Dec.	1,881.2	---	.2	1,881.4	1,553.6	327.8	118.3	8.9	2.9	130.1	130.0	3.4	133.4	23.9	40.4	197.7
Jan.-Mar. 5/	1,553.6	---	.3	1,553.9	1,214.9	339.0	133.2	10.7	2.9	146.8	124.5	3.4	127.9	.4	63.9	192.2
Apr.-June																
Season																

1/ Adjusted for transhipments of U.S. wheat through Canada.
2/ Includes bulgar, rolled wheat, semolina and macaroni.
3/ Assumed to roughly approximate total amount used for feed, including amount used in mixed and processed feed, also includes negligible quantities used in distilled spirits and beer. When seed allocation results in a negative feed residual, feed use is not shown by quarter.
4/ Adjusted to reflect shift in monthly milling pattern resulting from changes in price support loan rate and processor's certificate costs.
5/ Partly estimated.

Table 4.--Wheat: Current indicators of export movement, by program, coastal area and class of wheat, July-April 1970/71 and 1971/72

Period, program, and coastal area	Wheat (grain only)-Inspections for export 1/						
	Hard winter	Red winter	Hard spring	Durum	White	Mixed	Total
	- - - - Million bushels - - - -						
July-April 1970/71							
Dollars	120.7	14.6	77.6	19.7	30.9	2.7	266.2
CCC Credit	40.0	.6	12.1	1.8	11.5	---	66.0
Barter	56.1	2.6	6.2	4.8	12.9	---	82.6
Commercial	216.8	17.8	95.9	26.3	55.3	2.7	414.8
P.L. 480	103.3	1.7	2.3	1.3	38.3	---	146.9
Total	320.1	19.5	98.2	27.6	93.6	2.7	561.7
July-April 1971/72							
Dollars	97.1	5.9	53.9	14.1	21.3	.6	192.9
CCC Credit	28.8	5.0	10.5	1.6	13.5	---	59.4
Barter	41.5	3.1	4.9	13.0	8.5	.5	71.5
Commercial	167.4	14.0	69.3	28.7	43.3	1.1	323.8
P.L. 480	72.6	18.4	8.1	.6	26.8	---	126.5
Total	240.0	32.4	77.4	29.3	70.1	1.1	450.3
July-April 1970/71							
Coastal areas:							
Great Lakes	---	1.6	23.5	18.5	.3	---	43.9
Atlantic	.9	5.6	2.7	4.0	1.8	---	15.0
Gulf	275.1	12.2	26.1	3.4	---	2.7	319.5
Pacific	44.1	.1	45.9	1.7	91.5	2/	183.3
Total	320.1	19.5	98.2	27.6	93.6	2.7	561.7
July-April 1971/72							
Coastal areas:							
Great Lakes	2/	4.6	21.8	11.0	.1	.5	38.0
Atlantic	---	5.7	1.2	8.0	.9	---	15.8
Gulf	210.9	22.1	31.9	9.2	---	.6	274.7
Pacific	29.1	---	22.5	1.1	69.1	---	121.8
Total	240.0	32.4	77.4	29.3	70.1	1.1	450.3

1/ Based on weekly reports of inspections for export. Does not include rail or truck movement to Canada or Mexico. 2/ Less than 50,000 bushels.

Table 5.--Wheat: U.S. inspections for export, by programs and major country of destination, July-April 1971 and 1972

Year and Country	Dollar sales	CCC credit	Barter	P. L. 480	Total
			1,000 bushels		
July-April 1971/72					
Afghanistan	---	---	---	7,719	7,719
Algeria	287	---	9,897	---	10,184
Belgium	5,063	---	---	---	5,063
Brazil	---	---	15,216	681	15,897
China (Taiwan)	5,271	---	3,716	1,423	10,410
Colombia	---	---	10,200	1,816	12,016
Ecuador	---	494	474	1,910	2,878
France	3,474	---	---	---	3,474
Guatemala	1,074	---	1,129	---	2,203
India	---	---	3,752	21,218	24,970
Iran	---	11,311	---	7,360	18,671
Israel	---	---	5,096	8,844	13,940
Italy	3,194	---	---	---	3,194
Japan	59,673	---	---	---	59,673
Korea	8,667	7,771	1,736	23,587	41,761
Lebanon	---	---	1,979	2,225	4,204
Mexico	13,205	---	---	---	13,205
Morocco	---	9,696	---	4,964	14,660
Netherlands	28,682	---	---	---	28,682
Nigeria	11,817	---	---	---	11,817
Pakistan	---	3,968	---	24,244	28,212
Peru	---	7,959	5,000	---	12,959
Philippines	1,373	10,057	---	---	11,430
Portugal	4,259	---	---	---	4,259
Syrian Arab Republic	---	---	7,721	---	7,721
Tunisia	---	2,798	---	1,370	4,168
Turkey	---	---	---	2,876	2,876
United Kingdom	11,269	---	---	---	11,269
Venezuela	19,966	---	---	---	19,966
Vietnam	---	---	---	6,292	6,292
Other	15,604	5,369	5,570	9,955	36,498
Grand Total	192,878	59,423	71,486	126,484	450,271
July-April 1970/71					
Algeria	---	1,382	8,697	---	10,079
Belgium	8,582	---	---	---	8,582
Brazil	---	---	12,823	9,796	22,619
Chile	---	---	5,113	---	5,113
China (Taiwan)	2,849	---	15,711	---	18,560
Colombia	2	---	5,846	3,931	9,779
Germany, West	12,540	---	---	---	12,540
India	---	---	---	38,610	38,610
Iran	---	5,157	---	---	5,157
Israel	---	---	5,236	7,915	13,151
Italy	12,595	---	---	---	12,595
Japan	93,263	---	---	---	93,263
Korea	---	12,361	4,538	32,055	48,954
Morocco	---	10,121	---	6,907	17,028
Netherlands	35,843	---	---	---	35,843
Nigeria	8,203	---	---	---	8,203
Pakistan	---	---	---	22,578	22,578
Peru	---	---	5,155	---	5,155
Philippines	682	12,713	---	---	13,395
Portugal	7,683	---	465	---	8,148
Romania	---	15,956	---	---	15,956
Spain	4,933	---	---	---	4,933
Tunisia	---	1,191	---	8,051	9,242
Turkey	---	---	---	5,779	5,779
United Kingdom	38,125	---	---	---	38,125
Venezuela	17,706	---	---	---	17,706
Vietnam	---	---	---	4,192	4,192
Yugoslavia	---	---	7,928	---	7,928
Other	23,156	7,175	11,028	7,131	48,490
Grand Total	266,162	66,056	82,540	146,945	561,703

Based on weekly reports of inspections for export by licensed grain inspectors and does not include rail and truck movement to Canada or Mexico.

Consumer and Marketing Service, Grain Division.

Table 6.--Wheat: Cash prices for leading classes at major markets, 1970-72 1/

Major Market and year	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average	Gross Terminal Loan 2/
	- - - - Dollars per bushel - - - -													
No. 1 HRW, Kansas City														
Ordinary protein														
1970/71	1.38	1.47	1.59	1.58	1.59	1.59	1.58	1.58	1.55	1.56	1.61	1.63	1.56	1.47
1971/72	1.54	1.54	1.53	1.56	1.56	1.58	1.58	1.57	1.58	1.61				1.49
13% protein														
1970/71	1.55	1.65	1.74	1.70	1.72	1.75	1.74	1.72	1.70	1.68	1.69	1.73	1.70	1.515
1971/72	1.59	1.59	1.58	1.62	1.63	1.65	1.64	1.64	1.67	1.69				1.535
No. 2 SRW, Chicago														
1970/71	1.45	1.52	1.67	1.74	1.77	1.74	1.75	1.74	1.70	1.67	1.61	1.64	1.67	1.43
1971/72	1.54	1.45	1.45	1.53	1.60	1.71	1.69	1.61	1.62	1.66				1.45
No. 2 SRW, St. Louis														
1970/71	1.42	1.45	1.64	1.69	1.71	1.68	1.71	1.71	1.63	1.57	1.49	1.52	1.60	1.43
1971/72	1.44	1.34	1.33	1.41	1.49	1.57	1.57	1.52	1.57	1.65				1.45
No. 2 SRW, Toledo														
1970/71	1.43	1.51	1.64	1.69	1.73	1.72	1.73	1.74	1.65	1.60	1.58	1.60	1.64	1.42
1971/72	1.46	1.35	1.35	1.45	1.52	1.57	1.59	1.52	1.55	1.60				1.44
No. 2 SW, Toledo														
1970/71	1.45	1.51	1.64	1.69	1.73	1.72	1.70	1.69	1.59	1.55	1.51	1.57	1.61	1.42
1971/72	1.49	1.44	1.46	1.53	1.58	1.61	1.61	1.54	1.57	1.63				1.44
No. 1 SW, Portland														
1970/71	1.53	1.53	1.59	1.63	1.72	1.77	1.78	1.77	1.77	1.77	1.83	1.75	1.70	1.46
1971/72	1.60	1.55	1.54	1.56	1.55	1.56	1.57	1.57	1.60	1.70				1.47
No. 1 Dk. NS, Minneapolis														
Ordinary protein														
1970/71	1.72	1.75	1.85	1.88	1.86	1.80	1.75	1.70	1.65	1.65	1.63	1.62	1.74	1.59
1971/72	1.57	1.50	1.50	1.51	1.55	1.57	1.56	1.54	1.54	1.52				1.62
15% protein														
1970/71	1.90	1.87	1.92	1.96	1.97	1.90	1.90	1.87	1.82	1.83	1.82	1.80	1.88	1.695
1971/72	1.73	1.66	1.72	1.77	1.72	1.72	1.74	1.69	1.70	1.73				1.725
Hard amber durum, Mpls.														
1970/71	1.70	1.73	1.83	1.85	1.84	1.83	1.81	1.81	1.77	1.78	1.79	1.74	1.79	1.64
1971/72	1.70	1.64	1.65	1.68	1.67	1.70	1.72	1.70	1.71	1.72				1.67

1/ On-track prices established at the close of the market. Prices do not include 75 cents per bushel payment required of processors of wheat for domestic human consumption. 2/ Nominal loan values indicated by adjusting loan rates of tributary counties for Uniform Grain Storage Agreement charges and approximate transportation costs.

Table 7.--Wheat: Farm price, loan rate per bushel and price for equivalent quantity of major feed grain in region, 1970-72 1/

Item	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average	Support rate
	- - - - Price for 60 pounds (bushel weight of wheat) - - - -													
Central and Southern Plains (Hard winter) 2/														
Wheat 1970/71	1.16	1.21	1.32	1.33	1.35	1.34	1.35	1.34	1.32	1.32	1.34	1.38	1.31	1.23
Wheat 1971/72	1.31	1.29	1.28	1.30	1.30	1.33	1.32	1.32	1.32	1.35				1.23
Grain Sorghum 1970/71	1.09	1.10	1.18	1.18	1.17	1.18	1.22	1.25	1.25	1.28	1.34	1.41	1.22	.93
Grain Sorghum 1971/72	1.40	1.31	1.14	1.03	1.04	1.09	1.11	1.12	1.11	1.12				1.00
Cornbelt (Soft red winter) 3/														
Wheat 1970/71	1.28	1.32	1.46	1.48	1.52	1.50	1.55	1.55	1.51	1.48	1.41	1.46	1.46	1.24
Wheat 1971/72	1.38	1.28	1.26	1.29	1.35	1.43	1.44	1.39	1.41	1.44				1.24
Corn 1970/71	1.39	1.42	1.50	1.42	1.41	1.51	1.57	1.57	1.57	1.56	1.53	1.60	1.50	1.17
Corn 1971/72	1.52	1.31	1.11	1.03	1.02	1.16	1.16	1.17	1.19	1.21				1.17
East and South (Soft red winter) 4/														
Wheat 1970/71	1.28	1.30	1.39	1.42	1.46	1.49	1.52	1.55	1.54	1.54	1.48	1.48	1.46	1.31
Wheat 1971/72	1.46	1.40	1.40	1.39	1.42	1.44	1.45	1.45	1.43	1.42				1.31
Corn 1970/71	1.54	1.57	1.64	1.60	1.59	1.65	1.69	1.71	1.71	1.70	1.71	1.74	1.65	1.28
Corn 1971/72	1.71	1.53	1.36	1.24	1.23	1.31	1.37	1.39	1.40	1.41				1.28
Northern Plains (Spring and durum) 5/														
Wheat 1970/71	1.48	1.47	1.57	1.60	1.61	1.57	1.55	1.53	1.48	1.48	1.45	1.45	1.52	1.29
Wheat 1971/72	1.37	1.28	1.29	1.32	1.34	1.36	1.38	1.37	1.37	1.37				1.29
Barley 1970/71	1.01	1.00	1.08	1.10	1.10	1.12	1.12	1.19	1.18	1.14	1.14	1.12	1.11	.99
Barley 1971/72	1.08	.92	.96	1.01	1.04	1.04	1.06	1.08	1.06	1.05				.95
Pacific Northwest (White) 6/														
Wheat 1970/71	1.30	1.30	1.38	1.43	1.50	1.53	1.54	1.53	1.53	1.53	1.60	1.54	1.48	1.25
Wheat 1971/72	1.41	1.33	1.32	1.36	1.38	1.37	1.38	1.37	1.40	1.46				1.25
Barley 1970/71	1.06	1.06	1.20	1.22	1.25	1.31	1.34	1.39	1.39	1.41	1.50	1.46	1.30	1.11
Barley 1971/72	1.38	1.18	1.19	1.22	1.30	1.35	1.35	1.39	1.41	1.36				1.09
U.S. Average														
Wheat 1970/71	1.23	1.31	1.41	1.43	1.45	1.41	1.40	1.41	1.39	1.40	1.43	1.46	7/1.33	1.25
Wheat 1971/72	1.34	1.28	1.26	1.30	1.31	1.34	1.33	1.34	1.34	1.36			7/1.31	1.25

1/ Simple averages with no adjustment made for relative feed value. Relative feeding value: Corn 1.00; wheat 1.05; barley .90; sorghum grain .95; reported in Consumption of Feed by Livestock, Production Research Report No. 79, ERS, USDA. 2/ Kansas, Nebraska, Texas, Oklahoma, and Colorado. 3/ Ohio, Indiana, Illinois, and Missouri. 4/ Pennsylvania, Maryland, Virginia, North Carolina, South Carolina, Georgia, Mississippi, Alabama, Louisiana, and Arkansas. 5/ North Dakota, South Dakota, and Minnesota. 6/ Washington, Oregon, and Idaho. 7/ Season average price including allowance for unredeemed loans and purchases by CCC.

Table 8.--Wheat: Monthly average gross export prices and net costs to buyer at selected ports, 1970-72 1/

Year	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average
	- - - - Cents per bushel - - - -												
GULF PORTS: NO. 2 HARD RED WINTER, ORDINARY PROTEIN													
1970/71													
Export price	152	160	172	174	175	175	173	173	171	171	176	174	171
Certificate or payment	8	13	18	13	8	3	---	---	---	---	4	7	6
Net cost to buyer	144	147	154	161	167	172	173	173	171	171	172	167	165
1971/72													
Export price	170	172	170	172	172	175	175	174	176	180			
Certificate or payment	2	5	4	8	8	11	11	10	12	15			
Net cost to buyer	168	167	166	164	164	164	164	164	164	165			
BALTIMORE: NO. 2 SOFT RED WINTER													
1970/71													
Export price	154	161	175	181	182	180	182	183	179	177	170	161	173
Certificate or payment	6	11	18	13	8	3	---	---	---	---	2	5	6
Net cost to buyer	148	150	157	168	174	177	182	183	179	177	168	156	167
1971/72													
Export price	163	154	156	164	175	180	178	174	176	180			
Certificate or payment	0	0	0	2	8	11	11	9	12	15			
Net cost to buyer	163	154	156	162	167	169	167	165	164	165			
PORTLAND: NO. 2 WESTERN WHITE													
1970/71													
Export price	159	157	165	169	175	181	182	183	180	180	187	173	174
Certificate or payment	9	7	11	9	14	15	15	17	16	15	17	11	13
Net cost to buyer	150	150	154	160	161	166	167	166	164	165	170	162	161
1971/72													
Export price	163	161	160	162	159	158	161	160	162	173			
Certificate or payment	4	1	1	4	2	1	3	2	3	11			
Net cost to buyer	159	160	159	158	157	157	158	158	159	162			
DULUTH: NO. 1 NORTHERN SPRING, 14% PROTEIN													
1970/71													
Export price	188	187	193	196	197	192	190	186	180	181	179	178	187
Certificate or payment	35	34	34	28	24	15	12	11	8	8	7	5	18
Net cost to buyer	153	153	159	168	173	177	178	175	172	173	172	173	169
1971/72													
Export price	173	164	164	170	168	169	167	164	164	165			
Certificate or payment	0	0	3	10	5	6	6	2	3	2			
Net cost to buyer	173	164	161	160	163	163	161	162	161	163			

1/ Net cost to buyer is derived by subtracting export payment rate from or adding certificate cost to the export price, whichever is applicable.

Table 9.--Wheat and flour: Price relationships at milling centers annual 1968-70 and by quarters, 1969-72

Year and month	At Kansas City					At Minneapolis				
	Cost of wheat to produce 100 lb. of flour 1/	Wholesale price of-				Cost of wheat to produce 100 lb. of flour 1/	Wholesale price of-			
		Bakery flour per 100 lb. 2/	Byproducts obtained 100 lb. flour 3/	Total products			Bakery flour per 100 lb. 2/	Byproducts obtained 100 lb. flour 3/	Total products	
				Actual	Over cost of wheat				Actual	Over cost of wheat
	- - - - Dollars - - - -									
1968/69	5.29	5.40	.72	6.12	.83	5.57	5.87	.71	6.58	1.01
1969/70	5.47	5.51	.74	6.25	.78	5.74	6.03	.73	6.76	1.02
1970/71	5.58	5.58	.86	6.44	.86	5.92	6.27	.85	7.12	1.20
1969/70										
July-Sept.	5.41	5.50	.68	6.18	.77	5.58	5.98	.66	6.64	1.06
Oct.-Dec.	5.61	5.49	.81	6.30	.69	5.76	5.98	.80	6.78	1.02
Jan.-Mar.	5.48	5.53	.80	6.33	.85	5.76	6.05	.80	6.85	1.09
Apr.-June	5.39	5.51	.68	6.19	.80	5.88	6.10	.68	6.78	.90
1970/71										
July-Sept.	5.46	5.59	.83	6.42	.96	5.97	6.18	.81	6.99	1.02
Oct.-Dec.	5.64	5.65	.91	6.56	.92	6.09	6.39	.89	7.28	1.19
Jan.-Mar.	5.63	5.57	.90	6.47	.84	5.86	6.30	.89	7.19	1.33
Apr.-June	5.58	5.53	.80	6.33	.75	5.75	6.22	.79	7.01	1.26
1971/72 4/										
July-Sept.	5.33	5.35	.70	6.05	.72	5.47	6.05	.66	6.71	1.24
Oct.-Dec.	5.44	5.34	.80	6.14	.70	5.51	6.01	.75	6.76	1.25
Jan.-Mar.	5.47	5.33	.78	6.11	.64	5.48	5.97	.76	6.73	1.25
Apr.-June										

1/ Based on 73 percent extraction rate, cost of 2.28 bushels: At Kansas City, No. 1 Hard Winter, 13 percent protein, and at Minneapolis, No. 1 Dark Northern Spring, simple average of 13 percent and 15 percent protein. Includes domestic certificate. 2/ Quoted as 95 percent patent at Kansas City and standard patent at Minneapolis, bulk basis. 3/ Assumes 50-50 millfeed distribution between bran and shorts or middlings, bulk basis.
4/ Preliminary.

Compiled from reports of Consumer and Marketing Service and Bureau of Labor Statistics, Department of Labor.

Table 10.--Flour and bread: Retail prices in leading cities of the United States, annual and by quarters, 1968-72

Item	July-September	October-December	January-March	April-June	Annual
	- - - - Cents - - - -				
Flour, 5 pounds					
1968/69	58.3	58.0	57.9	58.3	58.1
1969/70	58.0	57.9	58.4	59.1	58.4
1970/71	59.0	59.2	59.5	60.3	59.5
1971/72	60.1	59.9	59.9		
White bread, one pound					
1968/69	22.5	22.7	22.8	22.9	22.7
1969/70	23.0	23.3	23.8	24.0	23.5
1970/71	24.5	24.7	24.9	25.0	24.8
1971/72	25.2	24.8	24.7		
Whole wheat bread, one pound					
1968/69	30.2	30.6	30.8	31.2	30.7
1969/70	31.5	32.1	32.6	36.5	33.2
1970/71	36.9	37.6	37.9	38.5	37.7
1971/72	39.3	39.5	39.3		

Compiled from reports of Bureau of Labor Statistics, Department of Labor.

Table 11.--Cereal and bakery products: Retail price index, 1960-72

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	(Index 1967 = 100)												
1960	85.8	86.1	86.2	86.4	86.3	86.6	87.5	87.6	87.7	88.1	88.2	88.4	87.1
1961	88.5	88.7	88.9	88.9	88.9	88.9	88.7	88.9	88.9	89.2	89.7	89.7	88.9
1962	90.0	90.4	90.5	90.5	90.7	90.6	91.1	91.0	91.1	91.1	91.5	91.3	90.8
1963	91.7	92.2	92.1	92.2	92.2	92.2	92.2	92.1	92.1	92.1	92.1	92.0	92.1
1964	92.1	92.0	91.8	91.8	91.9	92.2	92.2	92.5	92.7	93.2	93.4	93.7	92.5
1965	93.8	93.4	93.6	93.7	93.5	93.7	93.8	93.8	93.9	93.9	94.0	94.7	93.8
1966	95.4	95.5	95.9	96.3	96.5	96.8	96.9	99.0	99.9	99.8	100.1	100.3	97.7
1967	100.3	100.0	100.1	100.0	100.3	99.8	99.7	99.9	99.9	99.7	99.9	99.9	100.0
1968	99.8	99.7	99.7	99.8	99.9	100.1	100.6	100.9	101.1	101.1	101.4	101.4	100.4
1969	101.7	101.9	102.3	102.4	102.6	103.0	103.5	103.5	103.8	104.4	104.7	105.4	103.3
1970	105.9	106.6	107.2	107.7	108.0	108.2	108.7	109.8	110.2	111.0	111.2	111.6	108.9
1971	112.4	112.8	113.0	113.9	114.1	114.2	114.8	114.5	114.6	114.3	114.1	113.8	113.9
1972	113.7	114.3	114.8										

Bureau of Labor Statistics, U.S. Dept. of Labor.

Table 12.--Wheat: Rotterdam, c.i.f., quotations for cargoes/parcels in nearest shipment position, by months, 1968-72

Year beginning	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average
	- - - - Dollars per bushel - - - -												
	Canada, No. 2 Manitoba 1/												
1968	2.03	2.02	2.02	2.01	2.04	2.02	2.07	2.07	2.00	1.93	1.94	1.94	2.01
1969	1.93	1.89	1.88	1.91	1.94	1.94	1.97	2.00	2.03	1.98	2.00	1.97	1.95
1970	1.96	2.00	2.06	2.14	2.10	2.07	2.08	2.02	1.99	1.99	1.90	1.94	2.02
1971	1.94	1.94	1.95	1.96	2.00	2.01	2.01	1.98	1.98	1.99			
1972													
	United States No. 2 Hard Winter, 12 percent												
1968	1.85	1.82	1.84	1.85	1.85	1.87	1.85	1.85	1.80	1.78	1.79	1.81	1.83
1969	1.86	1.74	1.62	1.61	1.63	1.67	1.67	1.68	1.67	1.69	1.63	1.65	1.68
1970	1.75	1.78	1.89	1.91	1.91	1.88	1.90	1.89	1.87	1.83	1.79	1.78	1.85
1971	1.80	1.77	1.76	1.74	1.79	1.76	1.76	1.74	1.75	1.76			
1972													
	United States Dark Northern Spring, 15 percent												
1968	2.00	2.01	2.02	2.02	2.00	1.99	1.98	1.98	1.95	1.92	1.94	1.93	1.98
1969	1.91	1.88	1.90	1.91	1.91	1.93	1.95	1.94	1.97	1.96	1.98	1.96	1.93
1970	1.95	1.98	2.03	2.09	2.09	2.11	2.11	2.08	2.05	2.02	1.95	1.97	2.04
1971	1.97	1.97	1.98	2.00	2.02	2.00	1.98	1.97	1.98	1.97			
1972													

1/ Effective August 1971 Canadian Western Spring Wheat (CWRS)--No. 1--14.0 protein.

Compiled from International Wheat Council data by Grain and Feed Division, FAS.

Table 13.--Wheat: Production, farm disposition, season average price and value, United States, 1968-71

Crop year	Production	Total used for seed	Used on farms where grown		Sold		Season average price per bushel 1/	Value of sales
			For seed	Fed to livestock	Actual	As percentage of production		
	1,000 bushels					Percent	Dollars	1,000 dol.
1968	1,576,251	61,334	39,723	60,834	1,475,694	93.6	1.24	1,829,425
1969	1,460,187	56,760	34,189	61,091	1,364,907	93.5	1.24	1,699,045
1970	1,370,225	63,247	36,068	61,878	1,272,279	92.9	1.33	1,696,478
1971 2/	1,639,516	64,041	36,938	73,079	1,529,499	93.3	1.31	2,007,544

1/ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States. 2/ Preliminary.

Table 14.--Wheat: Stocks, United States, by quarters, 1968-72

Year	January 1				April 1			
	On farms	Off farm mills, elevators, and warehouses 1/	Commodity Credit Corporation 2/	Total all positions	On farms	Off farm mills, elevators, and warehouses 1/	Commodity Credit Corporation 2/	Total all positions
	1,000 bushels				1,000 bushels			
1968	507,611	703,729	761	1,212,101	362,427	476,339	751	839,517
1969	581,287	763,653	758	1,345,698	463,416	648,214	759	1,112,389
1970	611,116	922,434	941	1,534,491	456,995	739,803	944	1,197,742
1971 3/	531,190	881,946	1,932	1,415,068	384,213	677,407	1,930	1,063,550
1972 3/	700,479	851,077	2,023	1,553,579	528,129	684,758	1,978	1,214,865
	July 1				October 1			
1968	230,379	308,251	749	539,379	733,402	950,789	756	1,684,947
1969	327,835	489,949	790	818,574	755,030	1,119,296	913	1,875,239
1970	306,877	576,561	1,219	884,657	670,063	1,122,919	1,878	1,794,860
1971 3/	239,029	489,388	1,814	730,231	834,292	1,045,046	1,886	1,881,224
1972								

1/ All off-farm storages not otherwise designated, including flour mills, terminal elevators and processing plants.
2/ Wheat owned by CCC and stored in bins or other storage owned or controlled by CCC. Other wheat owned by CCC as well as wheat outstanding under loan is included in other positions.
3/ Preliminary.

Table 15.--Wheat: CCC operations, stock ownership, sales and dispositions at specified dates 1971-72 1/

Item	Price Support Operations		
	1970 crop as of		1971 crop as of
	March 31, 1971	June 30, 1971	March 31, 1972
	Million bushels		
Loans made	247.8	254.2	427.9
Loan repayments	137.8	175.5	135.5
Deliveries	---	5.2	.2
Remaining under current loan	110.0	73.5	292.2
Purchases	---	2/	---
	Stock Ownership		
	Million bushels		
CCC	259.8	369.9	366.1
Reseal loan	293.2	118.2	165.0
Remaining under current loan	110.0	73.5	292.2
Total CCC and loans outstanding	663.0	561.6	823.3
Privately held ("free") stocks	400.6	168.6	391.6
Total stocks all positions	1,063.6	730.2	1,214.9
	Sales and Dispositions		
	July-March 1970/71	July-June 1970/71	July-March 1971/72
	Million bushels		
Statuatory Minimum Price 3/	40.4	43.3	1.4
Domestic	1.1	2.1	1.3
Export			
GR 261 and 345 4/	15.2	21.6	14.3
Donations	13.8	18.2	17.2
Total export	29.0	39.8	31.5
Total sales and dispositions	70.5	85.2	34.2

1/ Crop of 1971 based on current operating reports, which may differ from more complete fiscal reports not available at this time. Crop of 1970 taken from fiscal reports.

2/ Less than 50,000 bushels.

3/ Sales for unrestricted use at the minimum price, which is the market price or not less than the formula prices at designated terminals, or outside of designated terminals, plus monthly markups.

4/ Sales for export at net export and gross export prices, respectively.

Agricultural Stabilization and Conservation Service.

Table 16 --1972 Wheat Program signup: Domestic allotment and allotment on enrolled farms

Region and State	Domestic allotment on all farms 1/	Allotment		Set-Aside		
		Enrolled	As percent on all farms	Required on enrolled farms	Voluntary additional	Total
	1,000 acres		Percent	1,000 acres		
White (Western)						
Arizona	12.8	10.2	80	8.5	.1	8.6
California	122.4	103.3	84	85.7	14.2	99.9
Idaho	417.2	402.2	96	333.8	100.4	434.2
Nevada	5.0	4.5	90	3.8	.6	4.4
Oregon	291.2	279.2	96	231.8	16.3	248.1
Washington	704.2	689.6	98	572.3	39.8	612.1
Total	1,552.8	1,489.0	96	1,235.9	171.4	1,407.3
Hard Spring and Durum						
Minnesota	341.7	326.9	96	271.2	130.5	401.7
Montana	1,398.4	1,378.4	98	1,144.1	694.8	1,838.9
South Dakota	971.0	965.3	99	801.1	387.7	1,188.8
North Dakota	2,617.2	2,603.6	99	2,160.9	1,645.1	3,806.0
Total	5,328.3	5,274.2	99	4,377.3	2,858.1	7,235.4
Hard Winter						
Colorado	911.5	882.8	97	732.7	213.1	945.8
Kansas	3,792.5	3,693.1	97	3,065.1	371.3	3,436.4
Nebraska	1,102.9	1,076.5	98	893.4	143.4	1,036.8
New Mexico	152.8	147.2	96	122.2	82.4	204.6
Oklahoma	1,741.4	1,688.2	97	1,401.1	591.7	1,992.8
Texas	1,477.5	1,373.3	93	1,139.7	523.3	1,663.0
Utah	100.8	91.6	91	76.0	9.5	85.5
Wyoming	94.3	87.3	93	72.5	24.8	97.3
Total	9,373.7	9,040.0	96	7,502.7	1,959.5	9,462.2
Red Winter (Major area)						
Arkansas	44.0	27.2	62	22.5	.6	23.1
Illinois	541.7	447.0	82	370.9	6.4	377.3
Indiana	396.3	327.0	82	271.2	1.2	272.4
Iowa	33.6	26.0	77	21.5	.2	21.7
Kentucky	121.4	46.5	38	38.5	.8	39.3
Missouri	508.5	451.7	89	374.7	6.1	380.8
Ohio	524.1	398.6	76	330.8	1.1	331.9
Tennessee	55.8	35.6	64	29.5	.8	30.3
Wisconsin	14.0	11.1	79	9.2	.8	10.0
Total	2,239.4	1,770.7	79	1,468.8	18.0	1,486.8
Red Winter (Other)						
Alabama	19.1	10.4	54	8.6	.2	8.8
Delaware	7.4	5.9	80	4.9	.1	5.0
Georgia	41.0	30.2	74	25.0	.6	25.6
Louisiana	11.6	7.2	62	6.0	.1	6.1
Maryland	43.2	30.5	70	25.3	.6	25.9
Mississippi	18.4	14.0	76	11.6	.4	12.0
New Jersey	13.3	11.0	83	9.2	.3	9.5
North Carolina	125.3	95.1	76	78.8	1.4	80.2
Pennsylvania	174.0	94.6	54	78.4	1.8	80.2
South Carolina	54.9	47.4	86	39.4	.5	39.9
Virginia	77.2	59.8	77	49.6	1.7	51.3
West Virginia	6.9	4.1	59	3.4	2/	3.4
Total	592.3	410.2	69	340.2	7.7	347.9
Other States	462.9	394.7	85	327.6	5.4	333.0
United States total	19,549.4	18,378.8	94	15,252.5	5,020.1	20,272.6

1/ Includes small farms
2/ Less than 50 acres.

Agricultural Stabilization and Conservation Service

Table 17.--Wheat: Price support activity, cumulative, by months 1967-1971 crops 1/

Item	Unit	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
1967													
Placed under loan 2/	Mil. bu.	36	76	140	174	191	208	238	247	257	263	268	270
Redeemed by farmers	"	---	---	1	5	9	18	38	59	77	88	96	104
Net under loan	"	36	76	139	169	182	190	200	188	180	175	172	166
Price above or below loan ($1.25)	Dol.	.12	.16	.14	.18	.14	.14	.15	.17	.17	.11	.11	-.01
1968													
Placed under loan 2/	Mil. bu.	127	199	259	318	342	357	398	410	423	438	443	444
Redeemed by farmers	"	---	---	1	7	20	30	42	55	70	85	99	111
Net under loan	"	127	199	258	311	322	327	356	355	353	353	344	333
Price above or below loan ($1.25)	Dol.	-.06	-.06	-.03	.01	.04	.01	.02	.03	.03	.03	.03	-.03
1969													
Placed under loan 2/	Mil. bu.	124	221	297	336	347	353	384	391	397	403	406	407
Redeemed by farmers	"	---	---	3	19	34	62	97	116	131	151	167	175
Net under loan	"	124	221	294	317	313	291	287	275	266	252	239	232
Price above or below loan ($1.25)	Dol.	.10	-.06	-.01	.03	.04	.05	.04	.05	.03	.07	.06	-.02
1970													
Placed under loan 2/	Mil. bu.	126	160	194	213	221	226	241	244	248	251	254	254
Redeemed by farmers	"	---	---	42	60	75	87	106	122	138	152	163	167
Net under loan	"	126	160	152	153	146	139	135	122	110	99	91	87
Price above or below loan ($1.25)	Dol.	-.02	.06	.16	.18	.20	.16	.15	.16	.14	.15	.18	.21
1971													
Placed under loan 2/	Mil. bu.	77	134	252	318	343	359	409	420	427	434		
Redeemed by farmers	"	---	---	6	14	27	44	71	91	135	182		
Net under loan	"	77	134	246	304	316	315	338	329	292	252		
Price above or below loan ($1.25)	Dol.	.09	.03	.01	.05	.06	.09	.08	.09	.09	.11		

1/ Based on operating reports.
2/ Includes direct purchases.

Table 18.--Wheat: CCC stocks by classes and States as of March 31, 1972 1/

Region and State	Hard red winter	Hard red spring	Durum	Soft red winter	White	Mixed	Grand total
	1.000 bushels						
White (Western)							
California	---	---	---	19	---	---	19
Idaho	---	---	---	1	73	---	74
Oregon	168	637	---	---	---	---	805
Washington	1.024	5,563	---	---	493	8	7,088
Total	1.192	6,200	---	20	566	8	7,986
Hard Spring and Durum							
Minnesota	531	450	3,052	1	---	5	4,039
Montana	1,930	1,579	388	3	24	26	3,950
South Dakota	417	393	376	6	2	4	1,198
North Dakota	10	297	4,487	1	1	---	4,796
Total	2,888	2,719	8,303	11	27	35	13,983
Hard Winter							
Colorado	7,822	3	---	3	---	---	7,828
Kansas	129,231	3,198	2	63	---	45	132,539
Nebraska	72,911	28	1	45	55	8	73,048
New Mexico	1,801	---	---	---	---	---	1,801
Oklahoma	26,579	125	---	---	---	2	26,706
Texas	21,542	5,998	---	531	19	92	28,182
Utah	---	1	---	---	---	---	1
Wyoming	1,195	---	---	---	---	---	1,195
Total	261,081	9,353	3	642	74	147	271,300
Red Winter (Major area)							
Arkansas	---	---	---	213	---	---	213
Illinois	128	---	---	67	---	2	197
Indiana	---	---	---	253	---	---	253
Iowa	2,065	108	---	---	45	4	2,222
Kentucky	7	---	---	27	---	---	34
Michigan	---	---	---	23	51	---	74
Missouri	11,795	3,859	1	1,266	4	144	17,069
Ohio	---	---	---	921	---	---	921
Tennessee	38	---	---	113	---	---	151
Wisconsin	12	17	1,570	64	---	4	1,667
Total	14,045	3,984	1,571	2,947	100	154	22,801
Red Winter (Other)							
Louisiana	347	---	---	227	---	---	574
Maryland	14	569	---	150	---	---	733
New York	24	7,913	12	568	344	2	8,863
North Carolina	---	---	---	35	---	---	35
Pennsylvania	27	---	---	259	---	---	286
South Carolina	---	---	---	9	---	---	9
Virginia	---	---	---	150	---	---	150
Total	412	8,482	12	1,398	344	2	10,650
U.S. total	279,618	30,738	9,889	5,018	1,111	346	326,720

1/ Quantities under 500 bushels not included

Agricultural Stabilization and Conservation Service.

Table 19.--Wheat: CCC loan activity by classes, cumulative, October-March 1971 1/

Classes and State	October		November		December		January		February		March	
	Loans made	Out-standing	Loans made	Out-standing	Loans made	Out-standing	Loans made	Out-standing	Loans made	Out-standing	Loans made	Out-standing
	- - - - 1,000 bushels - - - -											
Hard Red Spring												
Arizona	127	125	127	125	127	111	127	105	127	57	127	41
Idaho	1,316	1,315	1,495	1,483	1,636	1,542	1,700	1,449	1,737	1,376	1,769	1,113
Minnesota	18,151	17,982	20,301	19,846	21,750	20,992	24,992	23,719	25,699	23,891	26,155	23,217
Montana	12,532	12,484	14,865	14,624	16,112	15,569	20,744	19,551	22,043	20,044	22,621	18,318
North Dakota	58,041	57,846	69,095	67,966	73,707	71,252	95,766	91,487	101,046	93,244	103,525	88,622
Oregon	235	235	310	297	355	330	375	296	394	276	395	222
South Dakota	13,199	13,087	14,522	14,195	15,076	14,517	17,205	16,265	17,937	16,632	18,878	17,054
Washington	458	445	661	575	706	592	787	657	823	673	825	581
Other	216	187	221	174	255	184	256	174	268	159	286	118
Total	104,275	103,706	121,597	119,285	129,724	125,089	161,952	153,703	170,074	156,352	174,581	149,286
Durum												
Minnesota	120	120	151	145	165	157	167	158	171	150	170	146
Montana	481	479	628	618	678	661	970	951	1,005	963	1,038	960
North Dakota	11,268	11,254	14,236	14,067	15,181	14,726	18,925	17,217	19,663	16,145	19,815	13,947
South Dakota	673	671	731	718	748	720	854	787	866	776	886	742
Other	1	1	1	1	1	1	2	1	2	1	2	1
Total	12,543	12,525	15,747	15,549	16,773	16,265	20,918	19,114	21,707	18,035	21,911	15,796
Hard Red Winter												
Colorado	9,132	8,666	9,533	8,563	9,759	8,148	10,711	8,023	11,066	7,717	11,397	6,895
Idaho	1,418	1,403	1,678	1,555	1,726	1,445	1,898	1,473	1,934	1,368	1,976	1,201
Kansas	65,105	56,998	68,847	57,099	69,776	52,000	71,797	45,327	73,917	41,812	74,850	33,661
Missouri	215	149	216	138	219	130	223	113	224	89	226	57
Montana	6,682	6,668	8,029	7,795	8,767	8,221	9,700	8,664	10,177	8,497	10,566	7,968
Nebraska	16,377	15,753	17,603	16,478	18,469	16,476	20,370	17,398	21,508	17,676	22,352	17,054
New Mexico	243	179	260	193	261	194	266	197	266	197	270	183
North Dakota	218	218	234	234	231	231	229	229	230	227	232	226
Oklahoma	8,536	7,198	10,011	7,883	10,181	6,868	10,277	5,165	10,405	4,312	10,475	3,039
Oregon	1,517	1,517	1,897	1,787	2,021	1,728	2,130	1,744	2,317	1,776	2,324	1,336
South Dakota	4,540	4,505	4,816	4,720	4,974	4,812	5,702	5,422	6,008	5,467	6,365	5,641
Texas	5,546	5,104	5,962	5,357	6,142	5,361	6,241	4,839	6,418	4,624	6,497	4,161
Utah	466	457	632	596	653	535	695	501	748	514	768	381
Washington	3,992	3,830	6,168	4,762	6,659	4,710	7,010	4,492	7,412	4,321	7,569	3,056
Other	937	904	1,054	995	1,098	1,006	1,136	936	1,152	853	1,166	752
Total	124,924	113,549	136,940	118,155	140,936	111,865	148,385	104,523	153,762	99,450	157,033	85,611
Soft Red Winter												
Georgia	270	235	270	222	271	206	274	188	274	176	278	150
Illinois	997	906	1,063	903	1,090	736	1,098	469	1,099	271	1,200	120
Indiana	277	250	298	257	304	220	304	124	305	79	305	53
Michigan	172	158	189	171	193	155	193	118	196	94	196	72
Missouri	611	484	637	458	654	394	655	311	655	199	655	100
North Carolina	139	117	156	126	170	121	167	110	168	106	168	100
Ohio	1,402	1,306	1,512	1,331	1,547	1,177	1,554	805	1,565	614	1,566	423
South Carolina	205	158	207	155	209	155	209	132	209	129	209	109
Virginia	224	214	232	209	245	214	245	208	248	192	252	185
Other	691	617	786	654	803	622	813	403	829	372	732	276
Total	4,988	4,445	5,350	4,486	5,486	4,000	5,512	2,868	5,548	2,232	5,561	1,588
White												
Idaho	4,527	4,485	7,248	6,930	7,729	6,851	8,164	6,546	8,481	6,492	8,515	4,753
Michigan	332	283	344	247	355	216	357	138	357	85	361	59
Montana	217	217	245	244	254	252	263	261	262	224	262	182
New York	233	220	247	216	265	225	267	154	268	114	272	80
Oregon	9,893	9,792	11,463	10,850	12,096	10,974	12,917	10,938	13,952	11,508	14,081	9,515
Washington	20,510	20,206	36,817	33,588	38,674	32,988	41,342	31,944	43,288	32,189	43,882	24,476
Other	198	188	230	221	257	241	259	205	265	177	265	154
Total	35,910	35,391	56,594	52,296	59,630	51,747	63,569	50,186	66,873	50,789	67,638	39,219
Mixed												
North Dakota	---	---	---	---	---	---	25	25	25	25	---	---
Oregon	15	15	15	15	15	15	15	15	15	15	15	15
Washington	4	4	39	39	27	19	27	19	28	20	28	10
Other	18	7	22	10	22	10	22	7	22	7	22	6
Total	37	26	76	64	64	44	89	66	90	67	65	31
Other												
Colorado	175	175	149	117	162	132	262	212	108	73	68	39
Idaho	2,429	2,398	365	352	462	432	353	328	104	87	102	71
Kansas	3,660	3,486	790	733	958	859	1,776	1,624	420	282	324	156
Minnesota	549	534	126	112	130	113	169	140	79	43	114	79
Montana	908	883	312	306	373	370	411	396	152	143	110	80
Nebraska	804	794	323	315	267	258	425	409	116	100	63	34
North Dakota	4,040	3,989	1,023	994	831	800	1,426	1,352	232	175	140	66
Oklahoma	1,520	1,303	191	168	129	103	184	144	65	18	53	11
Oregon	1,993	1,985	961	921	978	882	1,085	959	186	40	160	13
South Dakota	788	772	192	178	171	142	289	281	124	113	131	127
Texas	518	497	210	191	135	132	225	192	80	45	34	4
Washington	17,632	17,232	1,471	1,342	2,134	2,033	1,921	1,740	622	487	129	- 28
Other	571	551	172	149	139	109	144	90	66	32	45	2
Total	35,587	34,599	6,285	5,878	6,869	6,365	8,670	7,867	2,354	1,638	1,473	654
U.S. Total	318,264	304,241	342,589	315,713	359,482	315,375	409,095	338,327	420,428	328,563	428,262	292,185

1/ Changes in cumulative totals are due to discrepancies in reporting monthly data by classes, corrected data is shown the following month.

Agricultural Stabilization and Conservation Service.

Table 20.--Wheat: Quantity remaining under reseal loan, 1967-70 crops, as of March 31, 1972 1/

Region and State	1967 crop farm stored	1968 crop farm stored	1969 crop farm stored	1970 crop farm stored	1970 crop warehouse	Total warehouse and farm stored
			1,000 bushels			
White (Western)						
California	---	10	38	3	---	51
Idaho	---	325	338	343	32	1,038
Oregon	---	103	152	313	139	707
Washington	---	146	103	218	56	523
Total	---	584	631	877	227	2,319
Hard Spring and Durum						
Minnesota	---	1,532	1,113	1,057	24	3,726
Montana	27	9,722	7,921	6,098	332	24,100
South Dakota	---	10,345	4,823	4,365	498	20,531
North Dakota	13	13,388	26,161	14,898	637	55,097
Total	40	34,987	40,018	26,918	1,491	103,454
Hard Winter						
Colorado	---	1,917	986	1,924	1,206	6,033
Kansas	---	3,177	3,964	3,621	11,863	22,625
Nebraska	13	7,236	5,037	5,866	6,251	24,403
New Mexico	---	17	2	23	203	245
Oklahoma	---	89	109	195	2,245	2,638
Texas	---	---	---	27	1,906	1,933
Utah	---	6	2	12	8	28
Wyoming	---	623	154	208	19	1,004
Total	13	13,065	10,254	11,876	23,701	58,909
Red Winter (Major area)						
Arkansas	---	---	---	---	1	1
Illinois	---	---	3	1	5	9
Indiana	---	10	4	6	8	28
Iowa	---	---	1	---	56	57
Michigan	---	20	10	21	9	60
Missouri	---	---	---	---	81	81
Ohio	---	2	7	10	36	55
Wisconsin	---	2	1	1	---	4
Total	---	34	26	39	196	295
Red Winter (Other)						
New York	---	4	4	11	---	19
Pennsylvania	---	---	---	1	---	1
Total	---	4	4	12	---	20
U.S. Total 2/	53	48,672	50,934	39,724	25,615	164,998

1/ Loans are not extended on 1967 farm stored or 1968 and 1969 warehouse stored. 2/ Totals may not add due to independent rounding.

Agricultural Stabilization and Conservation Service.

Table 21.--Wheat and Flour: U.S. exports by country of destination, July-December 1970 and 1971

Destination	July-December 1970				July-December 1971				+ or -
	Wheat 1/	Flour 2/	Total		Wheat 1/	Flour 2/	Total		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 metric tons	1,000 bushels	1,000 bushels	1,000 bushels	1,000 metric tons	1,000 metric tons
Western Hemisphere:									
Canada	3/	8	8	4/	3/	---	1	4/	0
Mexico	115	4	119	3	7,321	10	7,331	200	+ 197
Costa Rica	808	15	823	22	1,084	25	1,109	30	+ 8
El Salvador	1,128	49	1,177	32	496	38	534	14	- 18
Guatemala	1,679	67	1,746	48	1,058	24	1,081	29	- 19
Panama	1,120	2	1,122	31	1,022	2	1,024	28	- 3
Other Central America	1,532	119	1,651	45	1,481	156	1,637	44	- 1
Dominican Republic	1,294	47	1,341	36	827	75	902	25	- 11
Jamaica	485	243	728	20	278	261	539	15	- 5
Trinidad and Tobago	1,393	1	1,394	38	944	4	948	26	- 12
Other Bermuda and Caribbean	459	315	774	21	509	268	777	21	0
Bolivia	579	93	672	18	303	1,344	1,647	45	+ 27
Brazil	13,941	405	14,346	390	15,206	386	15,592	424	+ 34
Chile	4,223	284	4,507	123	---	135	135	4	- 119
Colombia	5,110	354	5,464	149	6,367	373	6,740	183	+ 34
Ecuador	1,623	51	1,674	46	1,955	89	2,044	56	+ 10
Paraguay	976	43	1,019	28	1,029	13	1,042	28	0
Peru	1,590	290	1,880	51	5,742	239	5,981	163	+ 112
Venezuela	10,107	7	10,114	275	10,058	15	10,073	274	- 1
Other South America	542	89	631	17	852	103	955	26	+ 9
Total	48,704	2,486	51,190	1,393	56,532	3,560	60,092	1,635	+ 242
Western Europe:									
EC:									
Belgium and Luxembourg	4,413	---	4,413	120	3,939	---	3,939	107	- 13
France	3,775	---	3,775	103	1,175	---	1,175	32	- 71
Germany, West	18,741	49	18,790	511	3,876	---	3,876	106	- 405
Italy	9,901	5	9,906	270	1,959	---	1,959	53	- 217
Netherlands	15,036	200	15,236	415	11,255	237	11,492	313	- 102
Total	51,866	254	52,120	1,419	22,204	237	22,441	611	- 808
Other Western Europe:									
Norway	691	2	693	19	---	2	2	4/	- 19
Portugal	6,757	32	6,789	185	4,269	13	4,282	117	- 68
Switzerland	5,048	1	5,049	137	1,518	---	1,518	41	- 96
United Kingdom	21,450	8	21,458	584	9,357	7	9,364	255	- 329
Others	653	174	827	22	114	125	239	6	- 16
Total	34,599	217	34,816	947	15,258	147	15,405	419	- 528
Eastern Europe:									
Hungary	185	---	185	5	---	---	---	---	- 5
Poland	---	34	34	1	---	---	---	---	- 1
Romania	5,577	---	5,577	152	---	---	---	---	- 152
Yugoslavia	12	4/	12	4/	98	---	98	3	+ 3
Total	5,774	34	5,808	158	98	---	98	3	- 155
Total Europe	92,239	505	92,744	2,524	37,560	384	37,944	1,033	- 1,491
U.S.S.R	---	---	---	---	96	---	96	3	+ 3
Asia:									
Afghanistan	137	2	139	4	2,801	4/	2,801	76	+ 72
Ceylon	---	174	174	5	---	3,071	3,071	84	+ 79
Hong Kong	1,104	47	1,151	31	547	10	557	15	- 16
India	29,454	20	29,474	802	24,736	104	24,840	676	- 126
Indonesia	---	8,550	8,550	233	894	2,213	3,107	85	- 148
Iran	2,028	2	2,030	55	8,969	3	8,972	244	+ 189
Israel	11,275	2,025	13,300	362	9,527	1,281	10,808	294	- 68
Japan	58,239	1	58,240	1,585	43,895	2	43,897	1,195	- 390
Korea, Republic of	27,387	1,474	28,861	785	18,128	590	18,718	509	- 276
Lebanon	3,889	548	4,437	121	2,862	746	3,608	98	- 23
Pakistan	12,842	1	12,843	350	11,205	---	11,205	305	- 45
Philippines	9,440	384	9,824	267	6,078	341	6,419	175	- 92
Saudi Arabia	36	2,787	2,823	77	---	2,353	2,353	64	- 13
Syrian Arab Republic	33	---	33	1	6,665	---	6,665	181	+ 180
Republic of China (Taiwan)	12,637	---	12,637	344	5,227	---	5,227	142	- 202
Turkey	4,144	242	4,386	119	2,876	474	3,350	91	- 28
Vietnam, South	1,966	2,835	4,801	131	2,982	663	3,645	99	- 32
Others	3,502	1,582	5,084	138	2,522	1,066	3,588	99	- 39
Total	178,113	20,674	198,787	5,410	149,914	12,917	162,831	4,432	- 978
Africa:									
Algeria	7,967	41	8,008	218	1,392	---	1,392	38	- 180
Angola	1,737	4	1,741	47	570	1	571	16	- 31
Morocco	8,456	628	9,084	247	10,099	1,247	11,346	309	+ 62
Nigeria	4,911	192	5,103	139	7,273	437	7,710	210	+ 71
Tunisia	4,452	282	4,734	129	1,912	465	2,377	65	- 64
Zaire (Congo, Kinshasa)	---	389	389	11	1	423	424	12	+ 1
Others	1,332	526	1,858	50	2,373	1,014	3,387	90	+ 40
Total	28,855	2,062	30,917	841	23,620	3,587	27,207	740	- 101
Oceania	---	40	40	1	---	35	35	1	0
World total	347,910	25,767	373,677	10,169	267,722	20,483	288,205	7,844	- 2,325

1/ Data includes shipments for relief.

2/ Grain equivalent.

3/ Transhipments through Canada have been included in data for countries of ultimate destination.

4/ Less than 500 metric tons.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 22.--Wheat: Exports to Communist Countries, fiscal years, 1965-71

Exporting country	Yugoslavia	Poland	USSR	Other E. Europe and Cuba	Mainland China 1/	Total	Total share
	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Percent
United States:							
1964/65	50	2	2	2/	---	54	11.6
1965/66	55	1	---	2	---	58	7.6
1966/67	12	6	---	---	---	18	4.4
1967/68	10	2	---	---	---	12	4.6
1968/69	---	1	---	---	---	1	.6
1969/70	2/	2/	---	---	---	2/	---
1970/71 3/	14	2/	---	18	---	32	15.3
Canada:							
1964/65	---	18	36	65	70	189	40.5
1965/66	---	13	192	50	80	335	43.8
1966/67	---	17	100	34	95	246	60.7
1967/68	---	4	50	26	50	130	50.0
1968/69	---	7	7	15	79	108	61.0
1969/70	---	3	41	21	69	134	48.2
1970/71 3/	---	3	12	17	89	121	57.9
Australia:							
1964/65	---	---	32	---	84	116	24.9
1965/66	---	---	21	---	74	95	12.4
1966/67	---	---	---	---	83	83	20.5
1967/68	---	---	---	---	89	89	34.2
1968/69	---	---	---	---	47	47	26.5
1969/70	---	---	---	---	95	95	34.2
1970/71 3/	---	---	---	---	45	45	21.5
Argentina:							
1964/65	---	---	1	2	22	25	5.4
1965/66	---	4	81	2/	82	167	21.8
1966/67	---	---	1	2/	12	13	3.2
1967/68	---	---	---	2/	---	2/	---
1968/69	---	---	---	---	---	---	---
1969/70	---	---	---	---	---	---	---
1970/71 3/	---	---	---	---	---	---	---
France:							
1964/65	---	11	4	30	17	62	13.3
1965/66	---	26	5	44	5	80	10.5
1966/67	---	14	5	14	9	42	10.4
1967/68	---	9	---	1	13	23	8.9
1968/69	2/	2/	---	7	11	18	10.2
1969/70	2/	2/	2/	2/	29	29	10.4
1970/71 3/	---	---	---	---	---	---	---
Other: 4/							
1964/65	1	17	2/	2	2/	20	4.3
1965/66	2/	15	2/	10	5	30	3.9
1966/67	2/	---	---	3	2/	3	.8
1967/68	2/	---	4	2	---	6	2.3
1968/69	2/	---	---	3	---	3	1.7
1969/70	---	2	---	18	---	20	7.2
1970/71 3/	---	---	---	11	---	11	5.3
Total							
1964/65	51	48	75	99	193	466	100.0
1965/66	55	59	299	106	246	765	100.0
1966/67	12	37	106	51	199	405	100.0
1967/68	10	15	54	29	152	260	100.0
1968/69	2/	8	7	25	137	177	100.0
1969/70	2/	5	41	39	193	278	100.0
1970/71 3/	14	3	12	46	134	209	100.0
Total	142	175	594	395	1,254	2,560	100.0

1/ Includes exports to North Vietnam, North Korea, and Albania.

2/ Less than 500,000 bushels.

3/ Preliminary.

4/ Excludes exports from Communist Countries.

Table 23.--Wheat and Wheat Flour (Grain Equivalent): World exports by country of origin, fiscal years 1969/70 and 1970/71

Country of origin	Wheat Grain		Wheat Flour (grain equivalent)		Wheat and Flour (grain equivalent)		Changes FY 1971 vs. FY 1970
	1969/70	1970/71	1969/70	1970/71	1969/70	1970/71	
	- - - - 1,000 metric tons - - - -						
North America:							
United States	14,716	18,412	1,765	1,408	16,481	19,820	+ 3,339
Canada	8,170	10,764	772	677	8,942	11,441	+ 2,499
Mexico	262	40	---	---	262	40	- 222
Total	23,148	29,216	2,537	2,085	25,685	31,301	+ 5,616
South America:							
Argentina	1,950	1,523	132	148	2,082	1,671	- 411
Peru	---	---	1/	1	1/	1	+ 1
Uruguay	48	44	---	---	48	44	- 4
Total	1,998	1,567	132	149	2,130	1,716	- 414
Western Europe:							
EC:							
Belgium-Luxembourg	285	150	67	97	352	247	- 105
France	5,290	2,261	834	990	6,124	3,251	- 2,873
Germany, West	1,633	585	578	570	2,211	1,155	- 1,056
Italy	310	386	278	376	588	762	+ 174
Netherlands	607	503	133	116	740	619	- 121
Total (including intra-EC)	8,125	3,885	1,890	2,149	10,015	6,034	- 3,981
Other Western Europe:							
Austria	1/	10	1/	1	1/	11	+ 11
Cyprus	18	---	1/	1/	18	1/	- 18
Denmark	37	33	1/	1/	37	33	- 4
Finland	125	42	1/	1/	125	42	- 83
Greece	43	7	2	---	45	7	- 38
Ireland	1	2	---	---	1	2	+ 1
Norway	---	---	5	---	5	---	- 5
Spain	331	13	279	99	610	112	- 498
Sweden	240	199	30	12	270	211	- 59
United Kingdom	5	11	13	9	18	20	+ 2
Total Western Europe	800	317	329	121	1,129	438	- 691
Eastern Europe: 2/							
Bulgaria	88	58	---	---	88	58	- 30
Germany, East	25	---	---	---	25	---	- 25
Hungary	347	35	18	---	365	35	- 330
Poland	26	---	---	---	26	---	- 26
Romania	700	1	54	50	754	51	- 703
Total Eastern Europe	1,186	94	72	50	1,258	144	- 1,114
Total Europe	10,111	4,296	2,291	2,320	12,402	6,616	- 5,786
U.S.S.R.	5,833	6,455	608	645	6,441	7,100	+ 659
Asia:							
China, Mainland	---	---	1	---	1	---	- 1
Hong Kong	---	---	23	12	23	12	- 11
India	---	---	25	4	25	4	- 21
Iran	---	1	2	1	2	2	---
Iraq	10	10	---	---	10	10	---
Japan	---	---	57	35	57	35	- 22
Jordan	1	1/	4	4	5	4	- 1
Lebanon	2	2	5	5	7	7	---
Singapore	16	22	71	82	87	104	+ 17
Southern Yemen (Aden)	2	2	5	5	7	7	---
Taiwan	---	---	8	5	8	5	- 3
Thailand	---	---	1	2	1	2	+ 1
Total	31	37	202	155	233	192	- 41
Africa:							
Ivory Coast	---	---	---	1	---	1	+ 1
Kenya	45	---	33	60	78	60	- 18
Morocco	1/	1/	---	---	1/	1/	1/
Senegal	---	---	30	30	30	30	---
South Africa	---	---	5	5	5	5	---
Total	45	1/	68	96	113	96	- 17
Oceania:							
Australia	6,918	8,892	481	429	7,399	9,321	+ 1,922
New Zealand	124	---	---	---	124	---	- 124
Total	7,042	8,892	481	429	7,523	9,321	+ 1,798
World total (including intra-EC)	48,208	50,463	6,319	5,879	54,527	56,342	+ 1,815
Equivalent, million bushels	1,771	1,854	232	216	2,004	2,070	+ 66

1/ Less than 500 metric tons. 2/ Based on actual imports by recipient countries, on calendar year basis, and official estimates by IWC and FAS.

Foreign Agricultural Service
Grain and Feed Division, CAB/SSS

Table 24.--Wheat: Supply and disappearance, United States, Canada, Australia, and Argentina, average 1955-59 and 1960-64, annual 1969-72

Crop year	Supply			Disappearance	
	Beginning carryover 1/	Production	Total 2/	Domestic	Exports including flour
	Million bushels				
Year beginning July 1	United States				
Average					
1955-59	1,031	1,095	2,134	598	450
1960-64	1,228	1,222	2,455	605	721
1969	819	1,460	2,282	791	606
1970	885	1,370	2,256	788	738
1971 3/	730	1,640	2,371	869	575
1972 4/	927	1,500	2,428		
Year beginning August 1	Canada				
Average					
1955-59	617	466	1,083	159	294
1960-64	509	538	1,047	148	407
1969	852	684	1,536	180	347
1970	1,009	332	1,341	165	435
1971 3/	741	524	1,265	160	525
1972 4/	580	580	1,160		
Year beginning December 1	Australia				
Average					
1955-59	61	168	229	72	103
1960-64	29	305	334	78	234
1969	267	388	655	88	297
1970	270	290	560	97	330
1971 3/	133	311	444	88	260
1972 4/	96	400	496		
Year beginning December 1	Argentina				
Average					
1955-59	57	226	283	142	91
1960-64	36	263	299	134	113
1969	28	258	286	147	84
1970	55	160	215	153	31
1971 3/	31	191	222	151	44
1972 4/	27	225	252		

1/ From previous crops for the U.S. and Canada farm stocks are included; net changes in farm stocks for Australia and Argentina are reflected in domestic disappearance.

2/ Supply for U.S. and Canada include imports. Australian and Argentine imports are generally insignificant.

3/ Preliminary.

4/ Estimated.

Compiled from records of Foreign Agricultural Service, Grain and Feed Division.

Table 25.--Wheat: Acreage, yield per acre, and production in specified countries, average 1965-69, annual 1970-71 1/

CONTINENT AND COUNTRY	AREA 2/			YIELD			PRODUCTION		
	AVE.1965-69	1970	1971 3/	AVE.1965-69	1970	1971 3/	AVE.1965-69	1970	1971 3/
	1,000 HA	1,000 HA	1,000 HA	QU/HA	QU/HA	QU/HA	1,000 MT	1,000 MT	1,000 MT
NORTH AMERICA:									
CANADA	11,534	5,052	7,781	14.1	17.9	18.3	18,527	9,023	14,253
GUATEMALA	38	40	38	7.6	8.0	7.9	29	32	30
MEXICO	751	715	615	25.4	30.8	31.7	1,911	2,200	1,950
UNITED STATES	21,128	17,864	19,609	18.2	20.9	22.8	38,475	37,291	44,620
TOTAL	33,451	23,671	28,043	17.6	20.5	21.7	58,942	48,546	60,853
SOUTH AMERICA:									
ARGENTINA	5,331	3,332	4,137	12.2	12.8	12.6	6,481	4,250	5,200
BRAZIL	610	1,769	2,150	9.2	9.8	9.3	559	1,734	2,000
CHILE	737	727	701	16.6	18.8	16.4	1,222	1,368	1,150
COLOMBIA	95	46	42	10.9	10.9	10.7	104	50	45
ECUADOR	69	75	70	9.0	8.8	8.6	62	66	60
PERU	150	146	150	9.4	8.7	9.3	141	127	140
URUGUAY	400	337	338	9.5	11.5	8.5	379	388	287
TOTAL	7,392	6,432	7,588	12.1	12.4	11.7	8,947	7,983	8,882
EUROPE:									
BELGIUM	208	192	200	37.8	38.3	45.8	786	735	915
FRANCE	4,093	3,760	4,029	33.9	34.4	37.5	13,886	12,922	15,100
GERMANY, WEST	1,435	1,493	1,544	37.5	37.9	46.3	5,380	5,662	7,142
ITALY	4,213	4,138	3,952	22.7	23.3	25.5	9,580	9,630	10,070
LUXEMBOURG	16	11	12	27.6	25.5	32.5	44	28	39
NETHERLANDS	154	142	142	44.4	45.3	49.6	684	643	705
TOTAL EC	10,118	9,736	9,879	31.0	30.4	34.4	30,360	29,620	33,971
AUSTRIA	300	275	274	30.7	29.5	35.5	920	810	974
DENMARK	101	115	121	45.0	44.5	48.4	455	512	586
FINLAND	235	176	173	20.2	23.2	25.6	475	409	443
GREECE	1,023	920	960	17.7	21.4	20.1	1,813	1,970	1,933
IRELAND	75	95	92	35.3	35.4	35.3	265	336	325
NORWAY	4	4	3	27.0	30.0	33.3	11	12	10
PORTUGAL	583	602	640	9.5	9.0	13.0	552	540	835
SPAIN	4,081	3,700	3,600	12.4	11.0	15.0	5,068	4,060	5,387
SWEDEN	246	265	237	38.4	36.3	40.7	944	962	964
SWITZERLAND	101	95	94	34.0	32.7	35.6	364	311	335
UNITED KINGDOM	935	1,010	1,091	39.3	41.3	44.2	3,676	4,174	4,824
TOTAL WESTERN EUROPE	17,801	16,993	17,164	25.2	25.7	29.5	44,902	43,716	50,587
ALBANIA	124	---	---	8.6	---	---	107	---	---
BULGARIA	1,089	1,014	1,008	24.5	29.9	30.3	2,687	3,032	3,053
CZECHOSLOVAKIA	940	1,081	1,136	28.0	29.4	35.0	2,633	3,174	3,978
GERMANY EAST	528	598	600	34.7	35.7	34.2	1,940	2,132	2,050
HUNGARY	1,160	1,276	1,276	24.5	21.3	30.2	2,838	2,718	3,850
POLAND	1,761	1,985	2,060	22.8	23.2	26.5	4,007	4,608	5,460
ROMANIA	2,901	2,321	2,498	17.9	14.5	22.4	5,204	3,356	5,585
YUGOSLAVIA	1,884	1,831	1,929	23.5	20.7	29.1	4,424	3,790	5,604
TOTAL EASTERN EUROPE 4/	10,386	10,241	10,642	23.1	22.4	27.9	24,039	22,935	29,705
TOTAL EUROPE 4/	28,186	27,234	27,806	24.5	24.5	28.9	68,941	66,651	80,292
U.S.S.R. (EUROPE AND ASIA)	69,169	65,200	63,100	9.8	12.3	12.5	66,900	80,000	79,000
AFRICA:									
ALGERIA	1,976	2,352	---	6.4	6.3	---	1,256	1,480	---
EGYPT	538	548	569	25.9	29.5	30.3	1,395	1,617	1,724
ETHIOPIA	432	---	---	7.5	---	---	323	---	---
KENYA	150	128	133	13.3	14.1	16.5	200	180	220
MOROCCO	1,762	1,879	1,800	8.2	10.0	12.3	1,448	1,870	2,207
SOUTH AFRICA	1,404	1,930	2,010	7.0	7.2	8.1	985	1,396	1,620
SUDAN	68	---	---	11.6	---	---	79	---	---
TUNISIA	814	750	735	4.7	6.0	8.2	381	450	600
TOTAL 4/	7,144	8,095	7,855	9.5	9.1	10.2	6,066	7,403	7,981
ASIA:									
AFGHANISTAN	2,551	2,700	---	9.6	8.7	---	2,451	2,350	---
CHINA-MAINLAND	24,500	24,300	24,400	8.9	10.1	9.6	21,920	24,500	23,500
CYPRUS	59	50	65	13.0	9.8	13.8	77	49	90
INDIA	13,982	16,626	17,892	9.9	12.1	13.0	13,860	20,093	23,247
IRAN	4,180	4,200	4,000	8.8	9.0	7.5	3,678	3,800	3,000
ISRAEL	85	107	113	18.5	11.7	16.8	157	125	190
JAPAN	372	229	166	27.3	20.7	26.5	1,016	474	440
JORDAN	250	245	291	7.2	3.1	7.2	180	77	209
KOREA, REP OF	154	159	143	21.2	22.5	22.5	327	357	322
LEBANON	60	61	60	9.3	8.2	7.5	56	50	45
NEPAL	133	150	150	14.8	16.7	11.7	197	250	175
PAKISTAN	5,666	6,349	6,103	9.1	11.7	10.8	5,170	7,399	6,588
SYRIA	933	850	875	6.6	5.9	6.9	620	500	600
TURKEY	7,575	8,200	8,100	10.9	9.8	13.0	8,266	8,000	10,500
TOTAL 4/	62,378	66,306	66,808	9.5	10.4	10.7	59,023	69,114	71,756
OCEANIA:									
AUSTRALIA	8,979	6,479	7,261	11.8	12.2	11.6	10,590	7,890	8,453
NEW ZEALAND	109	96	120	33.5	34.0	35.3	365	326	423
TOTAL	9,087	6,575	7,381	12.1	12.5	12.0	10,956	8,216	8,876
WORLD TOTAL 4/	215,808	203,513	208,581	13.0	14.1	15.2	279,775	287,913	317,640

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1971 is combined with estimates for the Southern Hemisphere harvests which begin late in 1971 and end early in 1972. 2/ Harvested area as far as possible. 3/ Preliminary. 4/ Estimated totals include allowances for producing countries not shown.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Agricultural Attaches and other foreign source materials.

Table 26.--Rye: Supply, distribution and prices, average 1964-68, annual 1969-71

Item	Year beginning July			
	Average 1964-68	1969	1970 1/	1971 2/
	- - - - Million bushels - - - -			
Supply				
Carryover on July 1	14.8	16.0	21.2	28.0
Production	28.2	31.6	38.8	50.9
Imports	1.5	.7	.7	.5
Total	44.5	48.3	60.7	79.4
Domestic disappearance				
Food 3/	5.3	5.4	5.4	5.4
Seed	5.6	6.3	6.9	5.0
Industry	4.5	4.3	3.4	3.0
Feed (Residual) 4/	9.3	10.6	13.4	18.5
Fed on farms where grown	(3.0)	(3.3)	(4.2)	(N.A.)
Total	24.7	26.6	29.1	31.9
Exports	2.9	.5	3.6	2.0
Total disappearance	27.6	27.1	32.7	33.9
Ending carryover June 30	16.9	21.2	28.0	45.5
Privately owned--"Free"	(8.0)	(3.6)	(2.8)	
	- - - - Dollars per bushel - - - -			
National average loan rate	1.03	1.02	1.02	.89
Price received by farmers	1.03	1.00	.98	.90

1/ Preliminary.

2/ Projected. Imports and distribution items are partly estimated.

3/ Bureau of the Census.

4/ Residual item; roughly approximates total feed use.

N.A. - Not Available.

Table 27.--Rye: Supply and disappearance, U.S. by quarters, average 1964-68, annual 1968-72

Year and quarter	Beginning stocks	Production	Imports	Total supply	Ending stocks	Total disappearance	Exports	Domestic				
								Food 1/	Seed	Industry	Feed 2/	Total
	1,000 bushels											
Average 1964-68												
July-Sept.	14,777	28,198	273	43,248	33,613	9,635	934	1,333	2,571	824	3,973	8,701
Oct.-Dec.	33,613	----	411	34,024	26,056	7,968	495	1,375	2,571	1,179	2,348	7,473
Jan.-Mar.	26,056	---	279	26,335	21,948	4,387	326	1,364	277	1,361	1,059	4,061
Apr.-June	21,948	---	528	22,476	16,910	5,566	1,125	1,240	159	1,093	1,949	4,441
Season	14,777	28,198	1,491	44,466	16,910	27,556	2,880	5,312	5,578	4,457	9,329	24,676
1968/69												
July-Sept.	18,032	23,365	293	41,690	31,781	9,909	696	1,469	2,692	878	4,174	9,213
Oct.-Dec.	31,781	---	627	32,408	24,336	8,072	4	1,482	2,692	1,251	2,643	8,068
Jan.-Mar.	24,336	---	71	24,407	20,019	4,388	10	1,367	293	1,465	1,253	4,378
Apr.-June	20,019	---	123	20,142	15,970	4,172	536	1,210	176	1,087	1,163	3,636
Season	18,032	23,365	1,114	42,511	15,970	26,541	1,246	5,528	5,853	4,681	9,233	25,295
1969/70												
July-Sept.	15,970	31,583	147	47,700	38,316	9,384	275	1,349	2,886	861	4,013	9,109
Oct.-Dec.	38,316	---	164	38,480	29,836	8,644	151	1,452	2,886	1,137	3,018	8,493
Jan.-Mar.	29,836	---	83	29,919	24,586	5,333	81	1,429	313	1,257	2,253	5,252
Apr.-June	24,586	---	374	24,960	21,236	3,724	9	1,159	188	1,024	1,344	3,715
Season	15,970	31,583	768	48,321	21,236	27,085	516	5,389	6,273	4,279	10,628	26,569
1970/71												
July-Sept.	21,236	38,819	185	60,240	49,297	10,943	12	1,502	3,162	696	5,571	10,931
Oct.-Dec.	49,297	---	417	49,714	41,608	8,106	5	1,377	3,162	973	2,589	8,101
Jan.-Mar.	41,608	---	61	41,669	34,802	6,867	404	1,319	343	1,137	3,664	6,463
Apr.-June	34,802	---	30	34,832	27,981	6,851	3,201	1,219	206	629	1,596	3,650
Season	21,236	38,819	693	60,748	27,981	32,767	3,622	5,417	6,873	3,435	13,420	29,145
1971/72												
July-Sept.	27,981	50,935	131	79,047	65,107	13,940	1,604	1,380	2,300	544	8,112	12,336
Oct-Dec.	65,107	---	110	65,217	54,938	10,279	143	1,397	2,300	816	5,623	10,136
Jan.-Mar. 3/	54,938	---	---	54,938	49,093	5,845	4	1,303	250	1,043	3,245	5,841

1/ From Bureau of the Census.

2/ Residual item; roughly approximates total feed use.

3/ Partly estimated.

Table 28.--Rye: Production, farm disposition, season average price and value, United States, 1968-71

Crop year	Production	Used on farms where grown		Sold		Season average price per bushel 1/	Value of sales
		Total used for seed	For seed	Fed to livestock	Actual	As percentage of production		
	1,000 bu.					Percent	Dollars	1,000 dol.
1968	23,365	5,853	1,402	2,486	19,477	83.4	1.02	19,797
1969	31,583	6,273	1,604	3,304	26,675	84.5	1.00	26,695
1970	38,819	6,873	1,802	4,158	32.743	84.3	.98	32,241
1971 2/	50,935	3/	3/	3/	43,840	86.1	.90	39,246

1/ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States. 2/ Preliminary. 3/ Not available--SRS discontinued reporting total used for seed. Farm use of rye for seed and feed will no longer be be reported separately. The combined total for 1971 is 7,095 thousand bushels.

Table 29.--Rye: Stocks, United States, by quarters, 1968-72

Year	January 1				April 1			
	On farms	Off farm mills, elevators, and warehouses 1/	Commodity Credit Corporation 2/	Total all positions	On farms	Off farm mills, elevators, and warehouses 1/	Commodity Credit Corporation 2/	Total all positions
	1,000 bushels				1,000 bushels			
1968	8,747	18,585	425	27,757	6,829	15,981	426	23,236
1969	8,911	15,006	419	24,336	5,922	13,678	419	20,019
1970	11,107	18,316	413	29,836	7,605	16,568	413	24,586
1971 3/	15,241	25,838	529	41,608	10,660	23,613	529	34,802
1972 3/	21,823	32,662	453	54,938	17,123	31,548	422	49,093
	July 1				October 1			
1968	3,744	13,869	419	18,032	13,467	17,895	419	31,781
1969	2,003	13,549	418	15,970	16,370	21,534	412	38,316
1970	2,903	17,912	421	21,236	21,468	27,300	529	49,297
1971 3/	2,433	25,026	522	27,981	28,672	35,947	488	65,107
1972								

1/ All off-farm storages not otherwise designated, including flour mills, terminal elevators and processing plants. 2/ Rye owned by CCC and stored in bins or other storage owned or controlled by CCC. Other rye owned by CCC as well as rye outstanding under loan is included in other positions. 3/ Preliminary.

Table 30.--Rye: Farm and cash prices, by selected States and markets, 1970-72

Item	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Season average 1/
						Dollars per bushel							
Colorado													
1970/71	.88	.83	.83	.85	.87	.90	.90	.92	.94	.93	.92	.92	.87
1971/72	.88	.86	.87	.87	.87	.91	.91	.90	.90	.90			.88
Georgia													
1970/71	1.65	1.75	2.00	2.00	2.10	2.20	2.30	2.30	2.10	2.10	2.00	1.85	1.76
1971/72	1.90	1.70	1.80	2.00	2.00	2.00	2.00	2.00	2.00	1.90			1.87
Kansas													
1970/71	.79	.79	.84	.82	.84	.84	.86	.86	.84	.84	.87	.86	.89
1971/72	.86	.87	.87	.85	.85	.85	.84	.80	.81	.80			.86
Minnesota													
1970/71	.91	.88	.91	.91	.94	.95	.96	.97	.96	.95	.98	.95	.98
1971/72	.85	.73	.77	.80	.76	.78	.83	.85	.85	.85			.89
Nebraska													
1970/71	.86	.84	.87	.89	.89	.89	.89	.90	.89	.91	.90	.92	.89
1971/72	.87	.82	.81	.82	.84	.84	.85	.87	.84	.85			.84
North Dakota													
1970/71	.79	.75	.77	.79	.82	.83	.83	.84	.82	.82	.84	.82	.86
1971/72	.73	.60	.64	.65	.64	.66	.70	.71	.73	.74			.74
South Dakota													
1970/71	.85	.82	.85	.86	.91	.92	.91	.91	.89	.89	.92	.89	.92
1971/72	.77	.68	.72	.73	.71	.74	.78	.78	.81	.81			.79
U.S. average farm													
1970/71	.97	.87	.96	.98	.99	.98	.93	.94	.92	.93	.93	1.23	.98
1971/72	.94	.74	.84	.85	.84	.82	.82	.83	.82	.83			.90
Minneapolis No. 2													
1970/71	1.07	1.05	1.08	1.09	1.14	1.14	1.16	1.16	1.14	1.15	1.20	1.15	1.13
1971/72	1.00	.92	.95	.96	.91	.99	1.03	1.05	1.04	1.04			
Winnipeg No. 3 Canadian Western													
1970/71	.89	.94	1.01	.96	.99	1.00	1.07	1.07	1.06	1.00	1.02	1.05	1.00
1971/72	.98	.83	.84	.89	.89	.90	.89	.91	.95	1.02			

1/ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate. Simple average for Minneapolis No. 2 and Winnipeg No. 3.

LIST OF TABLES

	Page	Table
WHEAT		
Supply and Distribution		
United States and World:		
Condensed table and by classes, average 1964-68, annual 1969-72	2	1
By quarters, 1964-72	13	3
United States, Canada, Australia, and Argentina, average 1955-64, annual 1969-72	31	24
World acreage, yield and production, average 1965-69, annual 1970-71	32	25
Stocks		
Total stocks in all positions, by quarters, 1968-72	21	14
Owned by CCC, by classes, States and regions, March 31, 1972	25	18
CCC: Price support activity, stock ownership, sales and dispositions, specified dates	22	15
Crop loan activity, by months, 1967-71	24	17
Quantity remaining under reseal loan, 1967-70 crops as of March 31, 1972	27	20
Crop loan activity, by classes, Oct. 1971 - March 1972	26	19
Disposition, farm, production, value and season average price, 1968-71	21	13
Government program provisions, 1972 program signup	23	16
Exports, Including Flour		
United States and World trade		
Current indicators of export movement, July-April, 1970/71 and 1971/72	14	4
Inspections for export of wheat only, by program and country of destination, July-April 1970/71 and 1971/72	15	5
U.S. exports by country of destination, July-December 1970-71	28	21
Wheat and Flour: Exports by country of origin, fiscal years 1970-71	30	23
Exports to Communist Countries, fiscal years 1965-71	29	22
Prices		
Cash prices for leading classes at major markets, 1970-72	16	6
Farm prices, loan rate and price for equivalent quantity of major feed grain in region, 1970-72	17	7
Wheat and flour price relationships, annual 1968-70 and by quarters, 1969-72	19	9
Flour and bread retail prices, by quarters, 1968-72 and annual 1968-70	19	10
Cereal and bakery products, retail price index, 1960-72	20	11
Export prices and net cost to buyers, by ports and months, 1970-72	18	8
Wheat: Rotterdam, c.i.f. quotations, by months, 1968-72	20	12
RYE		
Supply and Distribution		
Condensed table, average 1964-68 and annual 1969-71	33	26
By quarters, average 1964-68 and annual 1968-72	34	27
Stocks, total stocks in all positions and quarters, 1968-72	35	29
Disposition, farm, production, value and season average price, 1968-71	35	28
Prices, farm and cash prices, by selected States and markets, 1970-72	36	30
BUCKWHEAT		
Acreage, yield and production, by States, for selected years	10	---
Acreage, yield and production, 1940-69	12	2
United States and Canada farm prices, 1951-70	11	---
United States imports from Canada, 1960-71	11	---

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Prices received by farmers (Monthly)	Agriculture Prices, SRS, U. S. Dept. Agr.
Cash prices (Monthly)	Grain Market News, AMS, U. S. Dept. Agr.
Retail Food prices (Monthly)	Retail Food Prices by Cities, U. S. Dept. Labor
Wholesale Food prices (Monthly)	Retail Food Prices by Cities, U. S. Dept. Labor
Wheat and Flour: Indication of export movement (Monthly)	Grain Market News, AMS, U. S. Dept. Agr.
Price Support Loan Activity (Released Mid-month)	Grain Loan Activity, ASCS, U. S. Dept. Agr.
Wheat stocks (July 1)	Stocks of Grains, SRS, U. S. Dept. Agr.
CCC Stocks, ownership and disposition (Monthly)	Inventory Reports, ASCS, U. S. Dept. Agr.
U. S. Production (Mid-July)	Crop Production, SRS, U. S. Dept. Agr.
Wheat Flour Milling (Monthly)	Flour Milling Products, Bureau of the Census
Usual Planting and Harvesting Dates	Agr. Handbook No. 283, SRS, U. S. Dept. Agr.
The Foodservice Industry Type, Quantity and Value of Foods used	Statistical Bulletin No. 476, ERS, U. S. Dept. Agr.
Cost of Storing and Handling Grain in Commercial Elevators	Report No. 501, ERS, U. S. Dept. Agr.